

ATTACHMENT B

1999 PM_{2.5} Annual Mean and 98th Percentile 24-Hour Average Concentrations

Attachment B contains maps and data tables that show the annual mean and 98th percentile 24-hour average concentrations for PM_{2.5}. Figures B-1 through B-4 show the annual mean concentrations on a national map, and Figures B-5 through B-8 show the 98th percentile 24-hour average concentrations. In Figures B-1 through B-4 the annual mean concentrations are calculated as the mean of each quarterly mean. Data completeness for Figures B-1 through B-8 is expressed in terms of the expected number of data points based on the calculated sampling frequency for each monitor.¹ The cut-points for the different colors were determined using a combination of factors, including the desire to highlight the level of the 1997 standard and significant thresholds from the Air Quality Index.² Table B-1 contains a summary of the distribution of annual mean concentrations, and Table B-2 contains a summary of the distribution of 98th percentile 24-hour average concentrations. Table B-3 lists the data used to generate the maps.

Readers should be cautioned not to draw conclusions regarding the attainment or nonattainment status inferred by a single year of PM_{2.5} monitoring data. 40 CFR Part 50, Appendix N, requires 3 years of monitoring data and specifies certain minimum data completeness requirements for data used to make decisions regarding attainment status. Many sites have relatively incomplete data for 1999, as indicated by the size of the circles on the map. Of the 999 monitors, 458 (46 percent) have a minimum of 11 valid data points for each quarter, which is the minimum required in 40 CFR Part 50 for establishing a nonattainment designation. However, only a portion of the 458 monitors, a total of 201, satisfied a 75 percent completeness criteria, which is the level required for data that will be used to demonstrate attainment of the PM_{2.5} standards. A total of 134 monitors (13 percent) recorded valid data in every quarter, but did not meet a minimum of 11 valid samples in one or more quarters. A total of 407 monitors (41 percent) did not report valid data for all quarters. Data completeness does effect the calculation of both the annual mean and 98th percentile 24-hour average concentrations, so caution should be used in interpreting these values when the data are relatively incomplete. In addition, as discussed in Attachment A, in this analysis we have chosen to exclude data with

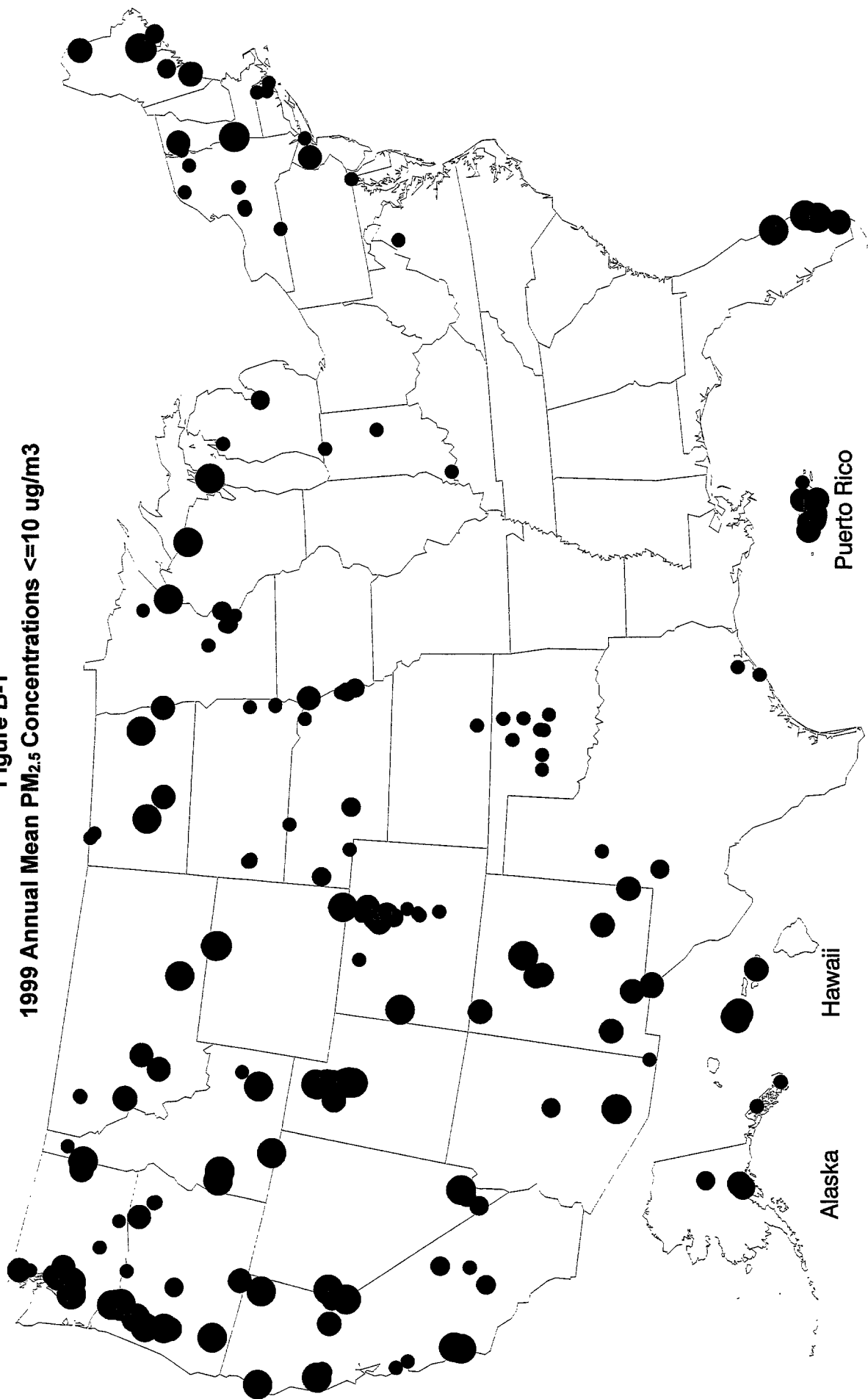
¹ The sampling frequency is reported to AIRS, but our review of this data field indicates that the reported frequency is often inaccurate or missing. Therefore, we calculated the expected sampling frequency using the pattern of reported values for each quarter, and verified these with state and EPA Region representatives. For example, if most reported values were recorded 3 days apart then we assigned an expected sampling frequency of once every 3 days. In cases where there are not enough data points in a given quarter to develop an expected pattern, we looked at the pattern in other quarters to derive the frequency for that quarter.

² See the AQI final rule at 64 FR 42530 for additional information.

certain data qualifier flags, which is why Massachusetts monitors are not included in the maps.³ States are continually updating their data entries and the Agency has not yet decided how data with certain validation flags will be treated in making attainment and nonattainment determinations.

³ New Hampshire is also missing from the maps because on July 12, 2000 AIRS did not contain any data for monitors in that state.

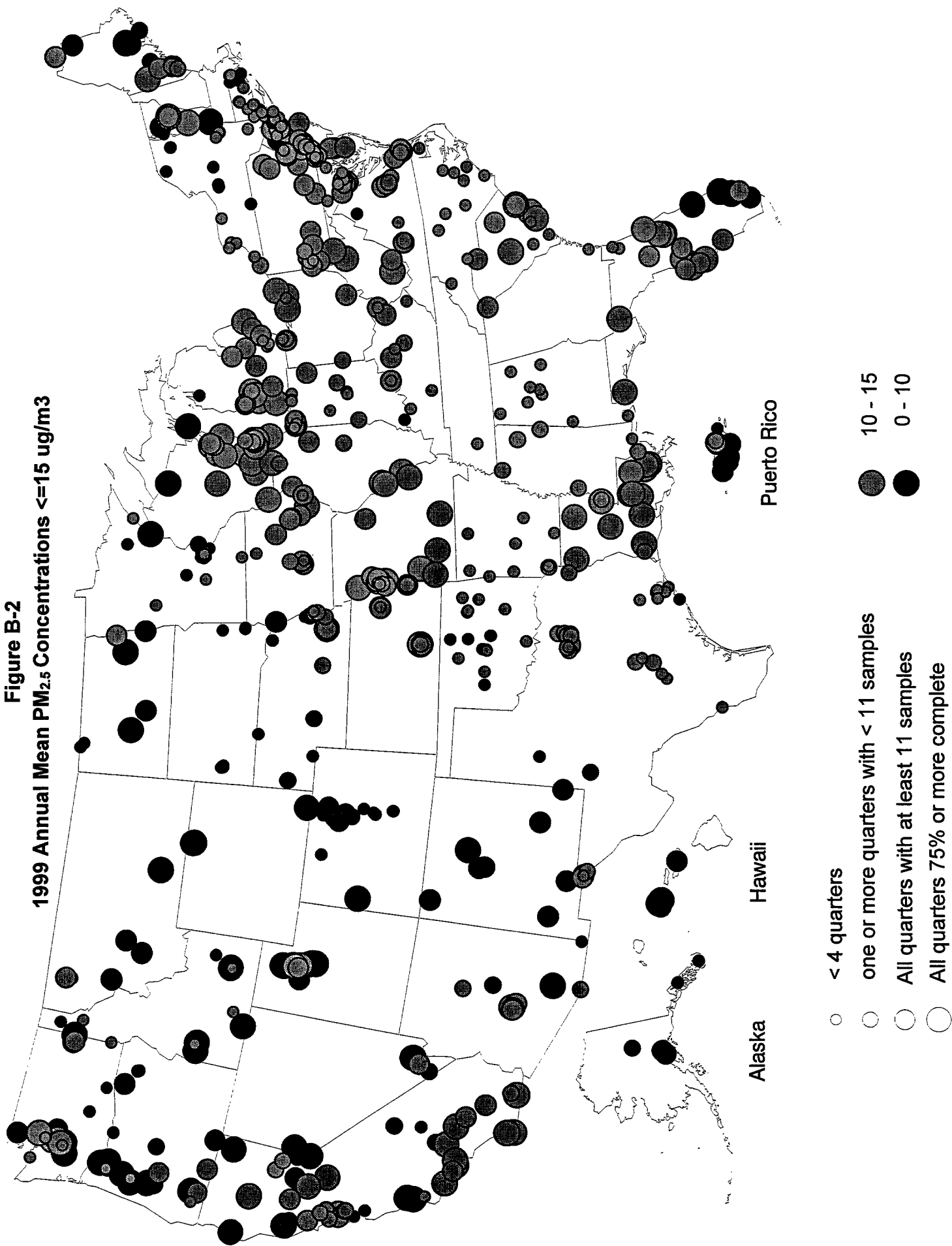
Figure B-1
1999 Annual Mean PM_{2.5} Concentrations <=10 ug/m3



- < 4 quarters
- one or more quarters with < 11 samples
- All quarters with at least 11 samples
- All quarters 75% or more complete
- 0 - 10

Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Figure B-2
1999 Annual Mean PM_{2.5} Concentrations $\leq 15 \mu\text{g}/\text{m}^3$



Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

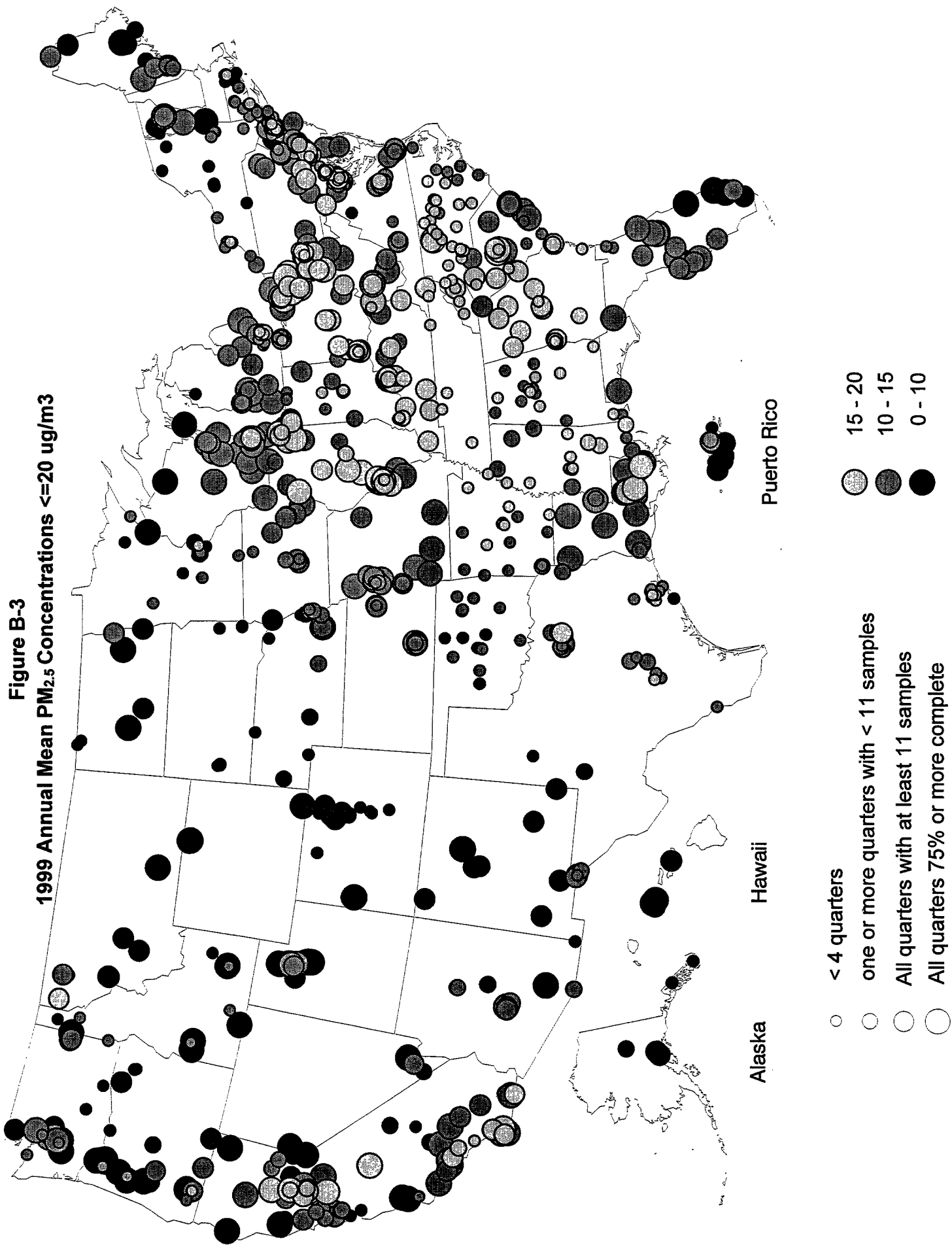
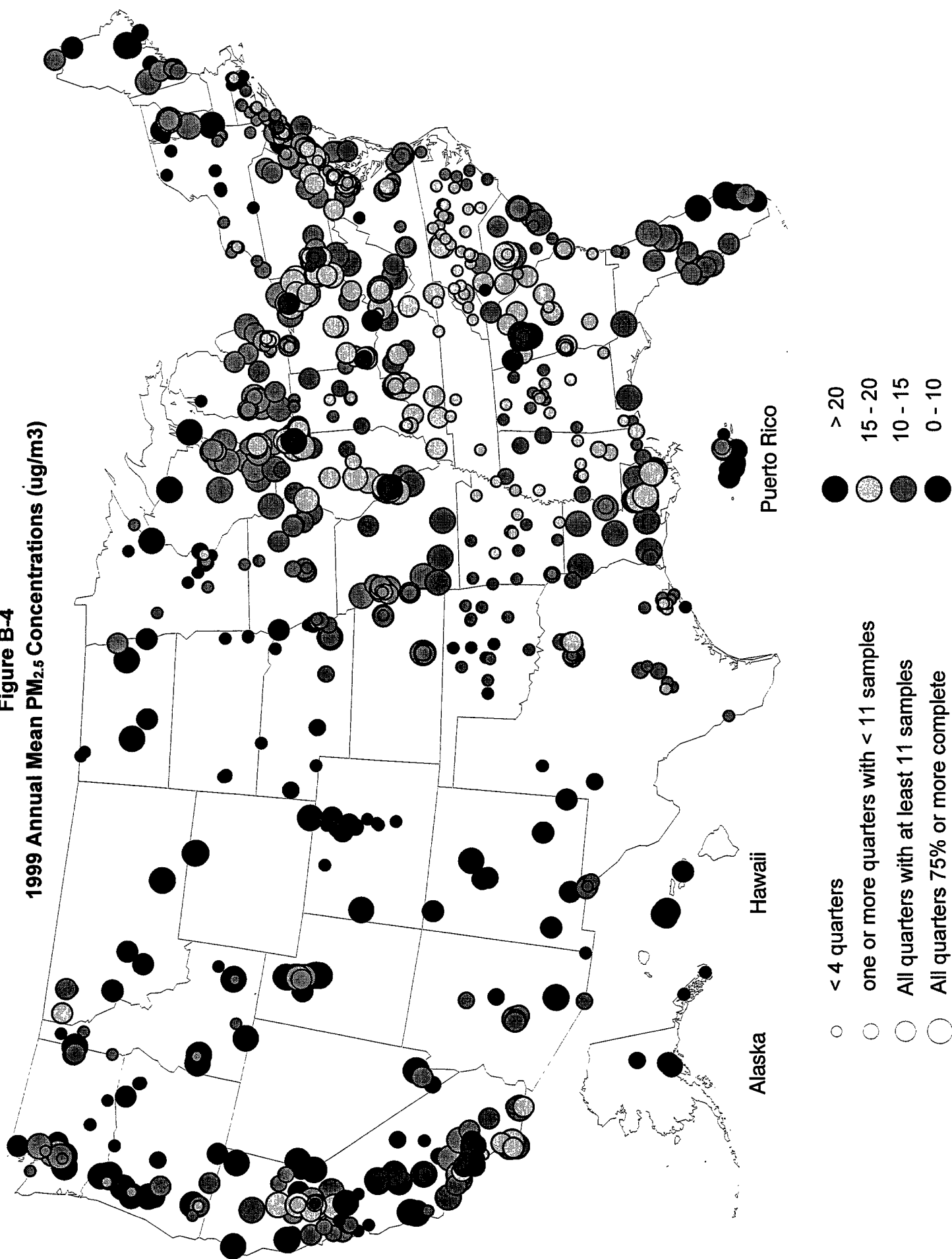


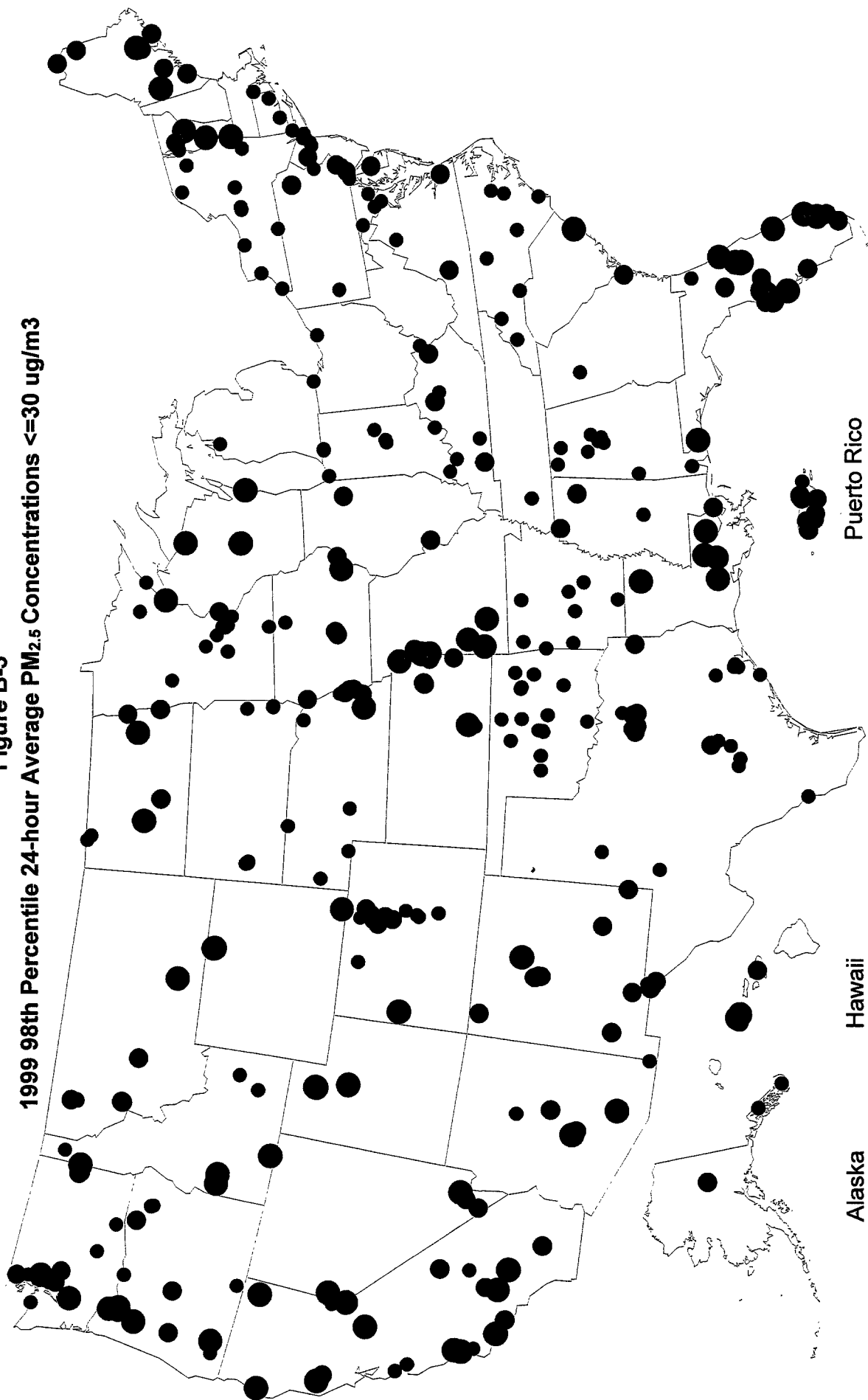
Figure B-4
1999 Annual Mean PM_{2.5} Concentrations (ug/m3)



Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Figure B-5

1999 98th Percentile 24-hour Average $PM_{2.5}$ Concentrations $\leq 30 \mu g/m^3$

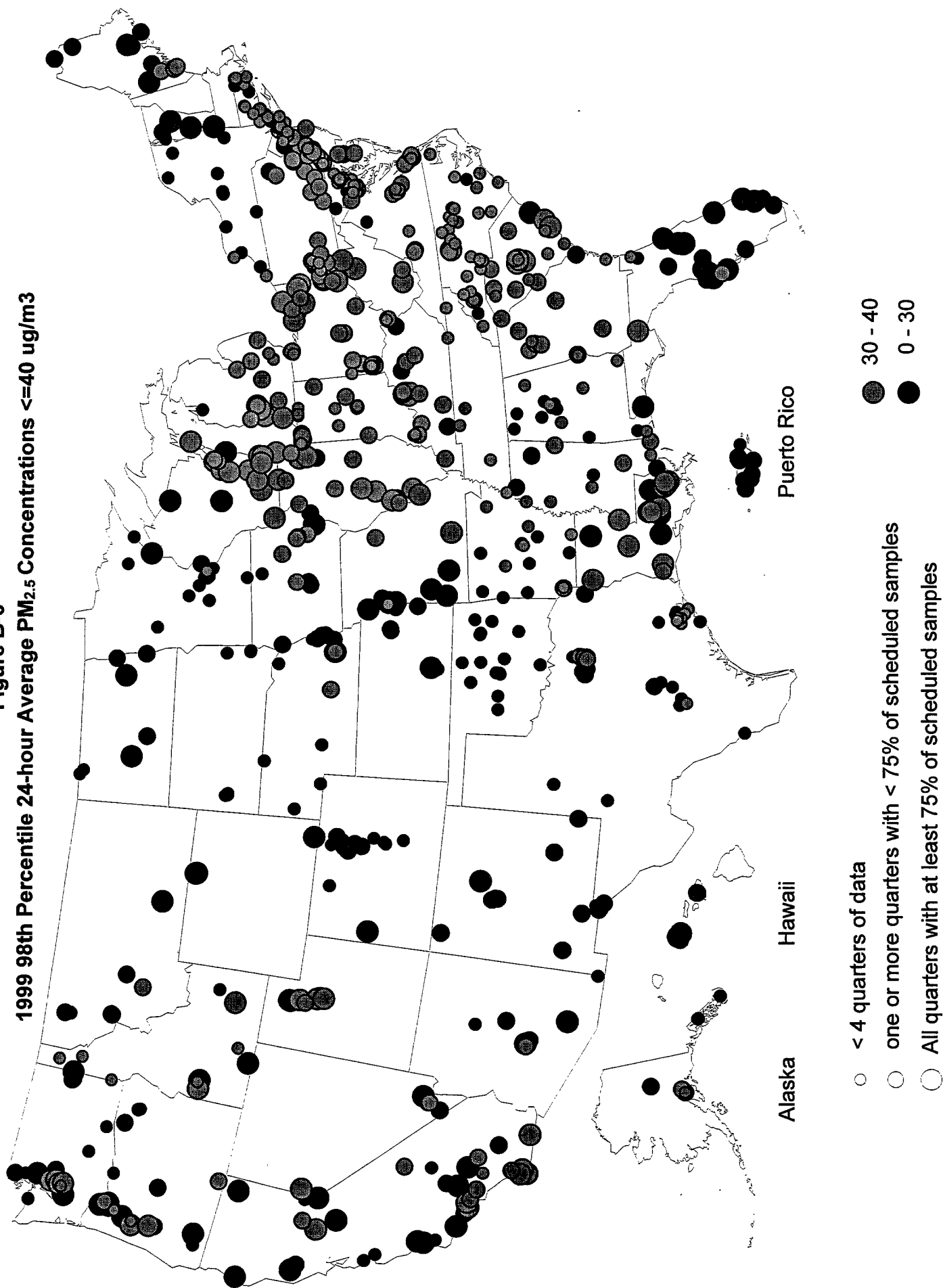


- < 4 quarters of data
- one or more quarters with < 75% of scheduled samples
- All quarters with at least 75% of scheduled samples

Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Figure B-6

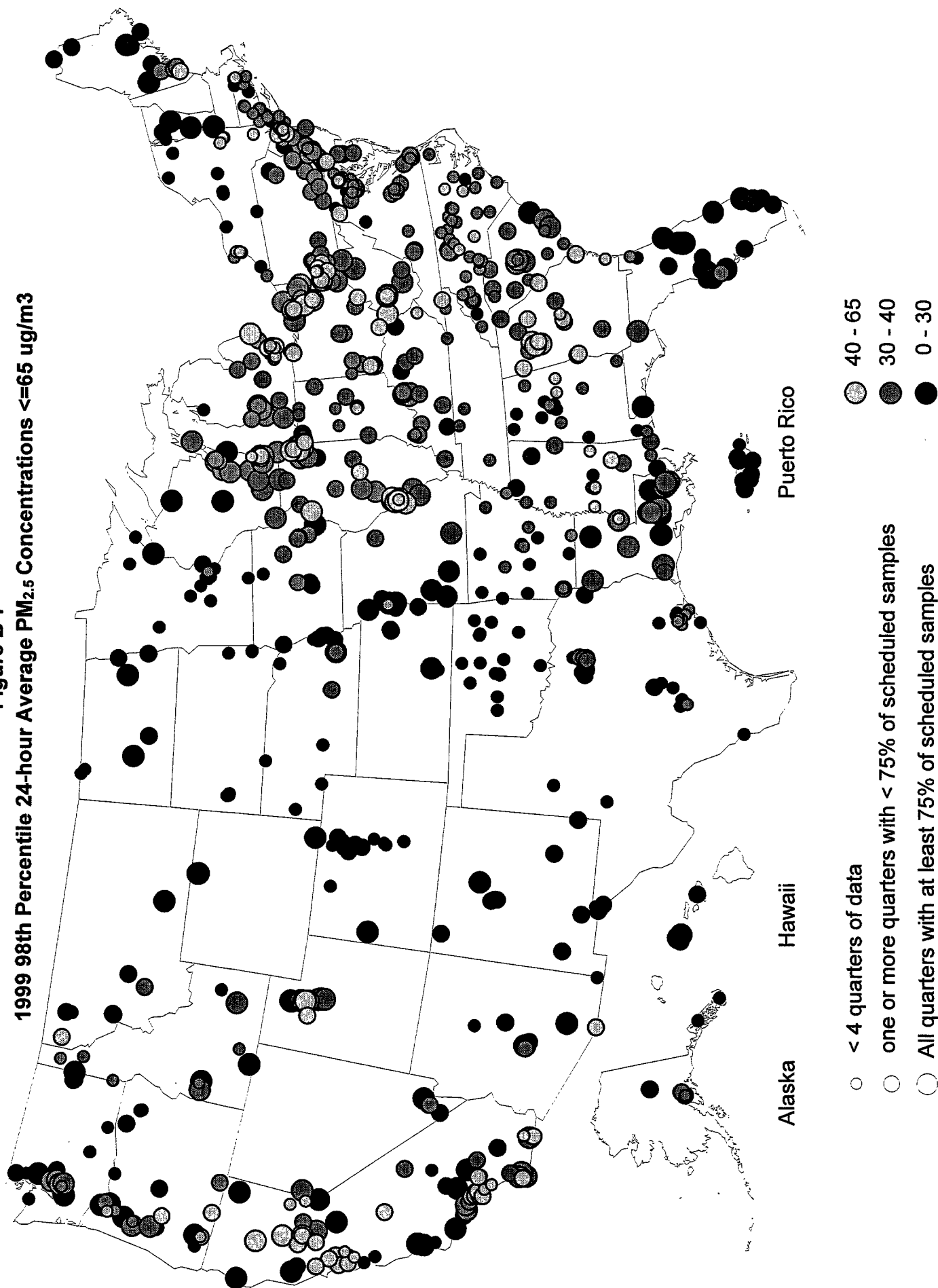
1999 98th Percentile 24-hour Average $PM_{2.5}$ Concentrations $\leq 40 \mu g/m^3$



Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Figure B-7

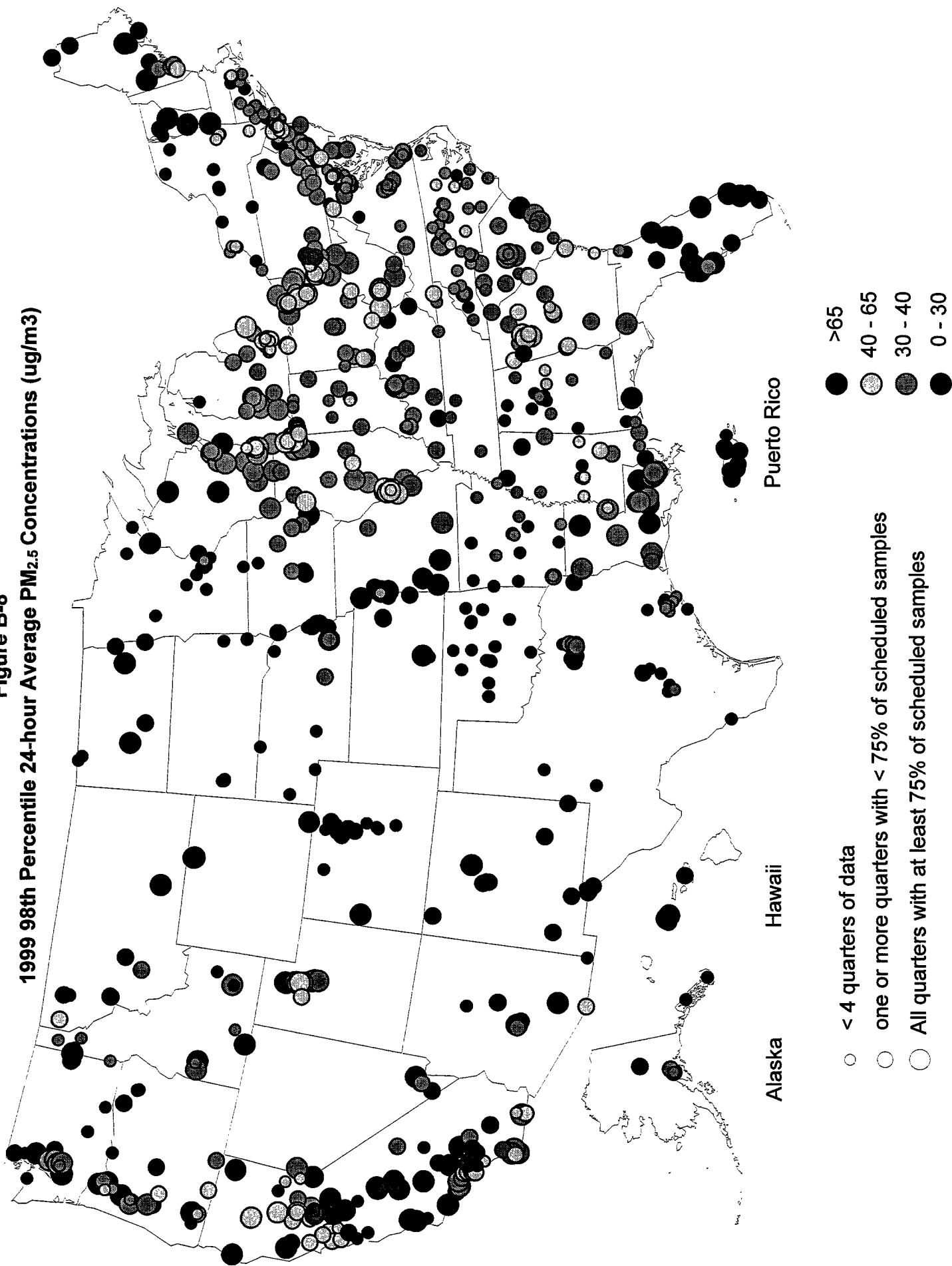
1999 98th Percentile 24-hour Average $PM_{2.5}$ Concentrations $\leq 65 \mu g/m^3$



Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Figure B-8

1999 98th Percentile 24-hour Average $PM_{2.5}$ Concentrations ($\mu g/m^3$)



Source: US EPA AIRS Data base as of 7/12/00 without data flagged as 1, 2, 3, 4, T, W, Y, or X

Table B-1. Distribution of 1999 Annual Mean PM_{2.5} Concentrations

Annual Mean¹ (ug/m³)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 - 3	2	0.2	2	0.2
3 - 4	6	0.6	8	0.8
4 - 5	15	1.5	23	2.3
5 - 6	15	1.5	38	3.8
6 - 7	35	3.5	73	7.3
7 - 8	33	3.3	106	10.6
8 - 9	66	6.6	172	17.2
9 - 10	62	6.2	234	23.4
10 - 11	67	6.7	301	30.1
11 - 12	87	8.7	388	38.8
12 - 13	102	10.2	490	49.0
13 - 14	105	10.5	595	59.6
14 - 15	94	9.4	689	69.0
15 - 16	83	8.3	772	77.3
16 - 17	70	7.0	842	84.3
17 - 18	61	6.1	903	90.4
18 - 19	31	3.1	934	93.5
19 - 20	19	1.9	953	95.4
>20	46	4.6	999	100.0

¹ This distribution is developed using the convention greater than (>) the lower bound and less than or equal to (≤) the upper bound. For example for x to be in 3-4, then 3<x≤4.

Table B-2. Distribution of 1999 98th Percentile 24-hour Average PM_{2.5} Concentrations

98th Percentile 24-hour Average¹ (ug/m³)	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 - 5	4	0.4	4	0.4
5 - 10	20	2.0	24	2.4
10 - 15	38	3.8	62	6.2
15 - 20	61	6.1	123	12.3
20 - 25	135	13.5	258	25.8
25 - 30	152	15.2	410	41.0
30 - 35	227	22.7	637	63.8
35 - 40	180	18.0	817	81.8
40 - 45	80	8.0	897	89.8
45 - 50	45	4.5	942	94.3
50 - 55	16	1.6	958	95.9
55 - 60	7	0.7	965	96.6
60 - 65	5	0.5	970	97.1
65 - 70	8	0.8	978	97.9
>70	21	2.1	999	100.0

¹ This distribution is developed using the convention greater than (>) the lower bound and less than or equal to (≤) the upper bound. For example for x to be in 5-10, then 5<x≤10.

Table B-3. PM_{2.5} Data for Figures B-1 through B-8

Note: see last page for description of column headings

State	MSA	County	Site ID	POC	Amn Samp	q1 sched	q1 samp	q1 pct mean	q2 sched	q2 samp	q2 pct mean	q3 sched	q3 samp	q3 pct mean	q4 sched	q4 samp	q4 pct mean	all4q	all1 samp	a75pct	Arm Mean	p98	
ALABAMA	NOT IN AN MSA	CLAY	10770001	1	15	3	15	50.0	14.4	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	14.4	46	
ALABAMA	FLORENCE, AL	COLBERT	10331002	1	15	3	15	50.0	13.7	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	13.7	24	
ALABAMA	NOT IN AN MSA	DE KALB	10491003	1	19	3	19	63.3	13.9	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	13.9	37	
ALABAMA	DOTHAN, AL	HOUSTON	10690002	1	18	3	18	60.0	16.9	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	16.9	31	
ALABAMA	BIRMINGHAM, AL	JEFFERSON	10730023	1	86	1	86	94.5	17.4	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	17.4	35	
ALABAMA	BIRMINGHAM, AL	JEFFERSON	10731005	1	28	3	28	93.3	14.2	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	14.2	27	
ALABAMA	BIRMINGHAM, AL	JEFFERSON	10732003	1	85	1	85	93.4	15.5	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	15.5	30	
ALABAMA	BIRMINGHAM, AL	JEFFERSON	10732006	1	30	3	30	100.0	12.9	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	12.9	26	
ALABAMA	BIRMINGHAM, AL	JEFFERSON	10735002	1	30	3	30	100.0	13.2	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	13.2	30	
ALABAMA	MOBILE, AL	MOBILE	10970002	1	23	3	23	76.7	15.7	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	15.7	27	
ALABAMA	MOBILE, AL	MOBILE	10970002	2	14	6	14	93.3	15.2	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	15.2	22	
ALABAMA	MOBILE, AL	MOBILE	10972005	1	29	3	29	96.7	14.4	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	14.4	37	
ALABAMA	MONTGOMERY, AL	MONTGOMERY	11010007	1	23	3	23	76.7	16.8	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	16.8	33	
ALABAMA	MONTGOMERY, AL	MONTGOMERY	11010007	2	15	6	15	100.0	17.9	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	17.9	31	
ALABAMA	DECATUR, AL	MORGAN	11030010	1	23	3	23	76.7	15.5	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	15.5	27	
ALABAMA	COLUMBUS, GA-AL	RUSSELL	11130001	1	27	3	27	90.0	19.0	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	19.0	35	
ALABAMA	NOT IN AN MSA	SUMTER	11190002	1	14	3	14	46.7	13.2	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	13.2	20	
ALABAMA	NOT IN AN MSA	TALLADEGA	11210002	1	26	3	26	86.7	16.2	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	16.2	48	
ALABAMA	TUSCALOOSA, AL	TUSCALOOSA	11250003	1	25	3	25	83.3	16.9	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	16.9	37	
ALABAMA	NOT IN AN MSA	WALKER	11270002	1	24	3	24	80.0	14.4	.	0.0	0.0	.	0.0	0.0	1	0.0	0.0	1	.	14.4	28	
ALASKA	ANCHORAGE, AK	ANCHORAGE	20200018	1	147	1	54	59.3	8.5	3	19	63.3	3	28	93.3	5.2	1	46	50.5	8.4	1	6.5	31
ALASKA	ANCHORAGE, AK	ANCHORAGE	20200044	1	73	.	.	0.0	0.0	3	16	53.3	4.6	3	28	93.3	5.8	3	29	96.7	8.8	6.4	32
ALASKA	NOT IN AN MSA	FAIRBANKS	20900010	2	64	3	9	30.0	1.9	3	25	83.3	6.5	3	22	73.3	5.8	6	8	53.3	12.3	6.6	16
ALASKA	NOT IN AN MSA	NORTH STAR																					
ALASKA	NOT IN AN MSA	JUNEAU	21100004	2	59	.	.	0.0	0.0	3	17	56.7	4.3	3	18	60.0	4.7	3	24	80.0	5.1	4.7	15
ALASKA	NOT IN AN MSA	JUNEAU	21100026	1	2	.	.	0.0	0.0	.	0.0	0.0	.	0.0	0.0	6	2	13.3	4.3	1	4.3	6	
ALASKA	NOT IN AN MSA	KETCHIKAN	21300008	1	12	.	.	0.0	0.0	.	0.0	0.0	.	0.0	0.0	3	12	40.0	3.3	1	3.3	7	
ALASKA	NOT IN AN MSA	MATANUSKA-SUSITNA	21700008	1	88	3	16	53.3	7.6	3	22	73.3	4.5	3	27	90.0	5.0	3	23	76.7	14.0	7.8	39
ARIZONA	NOT IN AN MSA	COCHISE	40031005	1	22	6	10	66.7	11.6	6	10	66.7	7.9	.	0.0	0.0	6	2	13.3	8.3	9.2	23	
ARIZONA	FLAGSTAFF, AZ-UT	COCONINO	40051008	1	16	6	6	40.0	10.7	6	3	20.0	6.1	6	5	33.3	4.8	6	2	13.3	19.1	10.2	24
ARIZONA	NOT IN AN MSA	GILA	40070008	1	77	3	9	30.0	11.8	3	22	73.3	7.5	3	22	73.3	5.0	3	24	80.0	12.6	9.2	21
ARIZONA	NOT IN AN MSA	GILA	40070008	2	30	6	5	33.3	13.0	6	13	86.7	6.6	5	33.3	5.6	6	7	46.7	12.2	9.4	21	
ARIZONA	PHOENIX-MESA, AZ	MARICOPA	40139990	1	101	3	25	83.3	14.5	3	21	70.0	7.5	3	27	90.0	7.3	3	28	93.3	13.8	10.8	24
ARIZONA	PHOENIX-MESA, AZ	MARICOPA	40139991	1	286	1	45	49.5	16.1	1	74	81.3	9.5	1	88	96.7	7.8	1	79	86.8	18.5	13.0	32
ARIZONA	PHOENIX-MESA, AZ	MARICOPA	40139992	1	262	1	13	14.3	9.9	1	73	80.2	8.6	1	92	101.1	8.0	1	84	92.3	19.3	11.4	34
ARIZONA	PHOENIX-MESA, AZ	MARICOPA	40139997	1	324	1	69	75.8	18.2	1	82	90.1	8.0	1	91	100.0	7.2	1	82	90.1	17.2	12.6	28
ARIZONA	TUSCON, AZ	PIMA	40190011	1	264	1	66	72.5	12.1	1	83	91.2	7.7	1	76	83.5	7.5	1	39	42.9	11.3	9.7	24
ARIZONA	TUSCON, AZ	PIMA	40191028	1	103	3	23	76.7	12.6	3	26	86.7	6.7	3	30	100.0	5.9	3	24	80.0	10.0	8.8	20
ARIZONA	NOT IN AN MSA	SANTA CRUZ	40230004	1	41	6	13	86.7	19.7	6	9	60.0	9.5	6	12	80.0	7.2	6	7	46.7	14.9	12.8	46

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt4q	alt11 samp	all samp	a75pet	Ann Mean	p98
ARIZONA	NOT IN AN MSA	SANTA CRUZ	40230004	2	43	6	13	86.7	21.1	6	11	73.3	10.3	6	10	66.7	7.8	6	9	60.0	14.8		1			13.5	49
ARKANSAS	NOT IN AN MSA	ARKANSAS	50010001	1	27			0.0	0.0			0.0	0.0	6	15	100.0	20.4	6	12	80.0	12.6	1				16.5	37
ARKANSAS	NOT IN AN MSA	ARKANSAS	50010001	2	24			0.0	0.0			0.0	0.0	6	13	86.7	19.8	6	11	73.3	13.2	1				16.5	37
ARKANSAS	NOT IN AN MSA	ASHLEY	50030003	1	28			0.0	0.0			0.0	0.0	6	14	93.3	17.3	6	14	93.3	20.2	1				18.7	31
ARKANSAS	JONESBORO, AR	CRAIGHEAD	50310001	1	27			0.0	0.0			0.0	0.0	6	14	93.3	20.7	6	13	86.7	14.3	1				17.5	40
ARKANSAS	JONESBORO, AR	CRAIGHEAD	50310001	2	21			0.0	0.0			0.0	0.0	6	12	80.0	19.6	6	9	60.0	13.8	1				16.7	40
ARKANSAS	MEMPHIS, TN-AR-MS	CRITTENDEN	50350004	1	47			0.0	0.0			0.0	0.0	3	23	76.7	18.4	3	24	80.0	13.6	1				16.0	39
ARKANSAS	NOT IN AN MSA	GARLAND	50510002	1	21			0.0	0.0			0.0	0.0	6	10	66.7	15.2	6	11	73.3	10.3	1				12.8	24
ARKANSAS	PINE BLUFF, AR	JEFFERSON	50690005	1	25			0.0	0.0			0.0	0.0	6	13	86.7	15.9	6	12	80.0	11.5	1				13.7	29
ARKANSAS	NOT IN AN MSA	MARION	50890001	1	20			0.0	0.0			0.0	0.0	6	12	80.0	11.7	6	8	53.3	8.9	1				10.3	23
ARKANSAS	TEXARKANA, TX-TEXARKANA, AR	MILLER	50910004	1	11			0.0	0.0			0.0	0.0	6	6	40.0	17.5	6	5	33.3	12.5	1				15.0	34
ARKANSAS	NOT IN AN MSA	PHILLIPS	51070001	1	22			0.0	0.0			0.0	0.0	6	7	46.7	18.9	6	15	100.0	12.7	1				15.8	32
ARKANSAS	NOT IN AN MSA	POLK	51130002	1	24			0.0	0.0			0.0	0.0	6	12	80.0	12.5	6	12	80.0	9.8	1				11.1	22
ARKANSAS	NOT IN AN MSA	POPE	51150003	1	24			0.0	0.0			0.0	0.0	6	11	73.3	16.9	6	13	86.7	14.3	1				15.6	37
ARKANSAS	LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI	51190003	1	28			0.0	0.0			0.0	0.0	6	15	100.0	19.5	6	13	86.7	13.9	1				16.7	36
ARKANSAS	LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI	51190007	1	159			0.0	0.0	6	1	6.7	16.0	1	75	82.4	17.6	1	83	91.2	16.5	1				16.7	36
ARKANSAS	LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI	51190007	2	46			0.0	0.0			0.0	0.0	1	32	35.2	17.8	6	14	93.3	15.8	1				16.8	39
ARKANSAS	LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI	51191008	1	51			0.0	0.0			0.0	0.0	3	26	86.7	18.7	3	25	83.3	15.3	1				17.0	31
ARKANSAS	LITTLE ROCK-NORTH LITTLE ROCK, AR	PULASKI	51191008	2	20			0.0	0.0			0.0	0.0	6	6	40.0	21.7	6	14	93.3	14.0	1				17.8	29
ARKANSAS	FORT SMITH, AR-OK	SEBASTIAN	51310008	1	54			0.0	0.0			0.0	0.0	3	26	86.7	15.3	3	28	93.3	12.8	1				14.0	26
ARKANSAS	FORT SMITH, AR-OK	SEBASTIAN	51310008	2	25			0.0	0.0			0.0	0.0	6	12	80.0	15.7	6	13	86.7	13.9	1				14.8	28
ARKANSAS	NOT IN AN MSA	UNION	51390004	1	25			0.0	0.0			0.0	0.0	6	13	86.7	16.3	6	12	80.0	13.4	1				14.9	25
ARKANSAS	FAYETTEVILLE-SPRING DALE-ROGERS, AR	WASHINGTON	51430003	1	44			0.0	0.0			0.0	0.0	3	24	80.0	14.9	3	20	66.7	9.8	1				12.4	30
CALIFORNIA	OAKLAND, CA	ALAMEDA	60010007	1	9			0.0	0.0			0.0	0.0			0.0	0.0	3	9	30.0	28.0	1				28.0	63
CALIFORNIA	OAKLAND, CA	ALAMEDA	60011001	1	76	3	18	60.0	12.4	6	13	86.7	10.4	6	15	100.0	12.3	3	30	100.0	20.5		1			13.9	45
CALIFORNIA	CHICO-PARADISE, CA	BUTTE	60070002	1	59	6	15	100.0	18.1	6	15	100.0	7.8	6	14	93.3	18.6	6	15	100.0	25.6				1	17.5	60
CALIFORNIA	NOT IN AN MSA	CALAVERAS	60090001	1	59	6	15	100.0	9.7	6	15	100.0	7.5	6	15	100.0	10.9	6	14	93.3	16.3				1	11.1	28
CALIFORNIA	NOT IN AN MSA	COLUSA	60111002	1	85	6	16	106.7	10.6	3	22	73.3	8.0	3	24	80.0	16.7	3	23	76.7	17.6		1			13.2	47
CALIFORNIA	OAKLAND, CA	CONTRA COSTA	60130002	1	105	3	5	16.7	11.0	6	11	73.3	8.3	6	15	100.0	8.9	1	74	81.3	17.4		1			11.4	44
CALIFORNIA	SACRAMENTO, CA	EL DORADO	60170011	1	59	6	14	93.3	7.6	6	15	100.0	6.8	6	15	100.0	8.6	6	15	100.0	10.3				1	8.3	21
CALIFORNIA	SACRAMENTO, CA	EL DORADO	60170011	2	59	6	14	93.3	7.5	6	15	100.0	6.5	6	15	100.0	8.5	6	15	100.0	9.8				1	8.1	21
CALIFORNIA	FRESNO, CA	FRESNO	60190008	1	275	3	28	93.3	30.9	1	75	82.4	9.9	1	88	96.7	13.7	1	84	92.3	56.2				1	27.7	119
CALIFORNIA	FRESNO, CA	FRESNO	60190008	2	61	3	18	60.0	20.2	3	18	60.0	10.9	6	14	93.3	13.4	6	11	73.3	41.0		1			21.4	63
CALIFORNIA	FRESNO, CA	FRESNO	60195001	1	81	3	24	80.0	18.7	6	15	100.0	10.6	6	15	100.0	14.1	3	27	90.0	36.5				1	20.0	83
CALIFORNIA	NOT IN AN MSA	HUMBOLDT	60231002	1	58	6	15	100.0	10.6	6	15	100.0	6.2	6	14	93.3	6.3	6	14	93.3	12.7				1	9.0	28
CALIFORNIA	NOT IN AN MSA	IMPERIAL	60250003	1	70	3	30	100.0	16.6	3	24	80.0	8.5	3	14	46.7	10.6	6	2	13.3	7.5		1			10.8	43

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pt	q1 mean	q2 sched	q2 samp	q2pt	q2 mean	q3 sched	q3 samp	q3pt	q3 mean	q4 sched	q4 samp	q4pt	q4 mean	all4q	all11 samp	all samp	a75pt	Ann Mean	p98
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	RIVERSIDE	60651003	1	95	3	19	63.3	30.9	3	29	96.7	29.4	3	23	76.7	27.3	3	24	80.0	20.8			1		27.1	72
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	RIVERSIDE	60652002	1	82	3	13	43.3	14.7	3	24	80.0	15.6	3	17	56.7	10.9	3	28	93.3	10.0			1		12.8	30
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	RIVERSIDE	60658001	1	126	1	57	62.6	34.5	3	26	86.7	29.3	3	20	66.7	32.3	3	23	76.7	24.8			1		30.2	75
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	RIVERSIDE	60658001	2	11	6	2	13.3	13.5			0.0	0.0	3	6	20.0	27.7	6	3	20.0	23.1	1				21.4	37
CALIFORNIA	SACRAMENTO, CA	SACRAMENTO	60670006	1	66	3	29	96.7	18.9	3	30	100.0	7.5			0.0	0.0	1	7	7.7	44.6	1				23.7	68
CALIFORNIA	SACRAMENTO, CA	SACRAMENTO	60670006	2	51	6	9	60.0	11.8	6	14	93.3	7.9	6	15	100.0	16.2	6	13	86.7	30.8	1				16.7	84
CALIFORNIA	SACRAMENTO, CA	SACRAMENTO	60670010	1	252	3	29	96.7	17.5	1	77	84.6	7.4	1	73	80.2	11.1	1	73	80.2	30.2				1	16.5	68
CALIFORNIA	SACRAMENTO, CA	SACRAMENTO	60674001	1	152	3	20	66.7	12.7	3	30	100.0	7.4	3	28	93.3	12.2	1	74	81.3	32.5			1		16.2	71
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	SAN BERNARDINO	60710014	1	112	3	24	80.0	12.1	3	30	100.0	12.0	3	30	100.0	10.9	3	28	93.3	12.1				1	11.8	20
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	SAN BERNARDINO	60710025	1	96	3	27	90.0	29.8	3	23	76.7	17.7	3	21	70.0	24.5	3	25	83.3	29.5			1		23.4	86
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	SAN BERNARDINO	60712002	1	108	1	23	25.3	30.3	3	29	96.7	24.3	3	29	96.7	24.5	3	27	90.0	22.0			1		25.3	62
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	SAN BERNARDINO	60718001	1	91	3	12	40.0	11.1	3	22	73.3	8.9	3	29	96.7	7.1	3	28	93.3	14.1			1		10.3	31
CALIFORNIA	RIVERSIDE-SAN BERNARDINO, CA	SAN BERNARDINO	60719004	1	104	3	22	73.3	23.8	3	23	76.7	27.3	3	30	100.0	26.4	3	29	96.7	24.8			1		25.6	72
CALIFORNIA	SAN DIEGO, CA	SAN DIEGO	60730001	1	106	3	29	96.7	13.7	3	24	80.0	12.7	3	27	90.0	14.2	3	26	86.7	18.1				1	14.7	32
CALIFORNIA	SAN DIEGO, CA	SAN DIEGO	60730003	1	316	1	80	87.9	18.9	1	83	87.9	13.7	1	82	90.1	14.2	1	74	81.3	19.5				1	16.6	36
CALIFORNIA	SAN DIEGO, CA	SAN DIEGO	60730006	1	97	3	26	86.7	14.3	3	23	76.7	10.3	3	24	80.0	15.0	3	24	80.0	15.1				1	13.7	33
CALIFORNIA	SAN DIEGO, CA	SAN DIEGO	60731002	1	239	1	53	58.2	20.4	1	62	68.1	14.5	1	70	76.9	14.1	1	54	59.3	22.1			1		17.8	40
CALIFORNIA	SAN DIEGO, CA	SAN DIEGO	60731007	1	284	1	61	67.0	18.3	1	78	85.7	13.5	1	82	90.1	16.0	1	63	69.2	22.4			1		17.5	41
CALIFORNIA	SAN FRANCISCO, CA	SAN FRANCISCO	60750005	1	121	3	13	43.3	9.4	6	9	60.0	8.6	6	15	100.0	11.1	1	84	92.3	21.3			1		12.6	55
CALIFORNIA	STOCKTON-LODI, CA	SAN JOAQUIN	60771002	1	115	3	30	100	22.1	3	27	90	8.5	3	30	100	12.7	3	28	93.3	36				1	19.8	79
CALIFORNIA	SAN LUIS OBISPO-ATASCADERO-P ASO ROBLES, CA	SAN LUIS OBISPO	60792002	1	54	6	14	93.3	6.3	6	12	80	8.2	6	13	86.7	8.8	6	15	100	9.5				1	8.2	17
CALIFORNIA	SAN LUIS OBISPO-ATASCADERO-P ASO ROBLES, CA	SAN LUIS OBISPO	60798001	1	59	6	15	100	8.4	6	15	100	7.9	6	14	93.3	8.4	6	15	100	13.6				1	9.6	27
CALIFORNIA	SAN LUIS OBISPO-ATASCADERO-P ASO ROBLES, CA	SAN LUIS OBISPO	60798001	2	57	6	15	100	8	6	13	86.7	8.1	6	14	93.3	8.2	6	15	100	13.7				1	9.5	27
CALIFORNIA	SAN FRANCISCO, CA	SAN MATEO	60811001	1	68	3	11	36.7	8.6	6	13	86.7	9.1	6	15	100	10.4	3	29	96.7	20.4			1		12.1	53
CALIFORNIA	SANTA BARBARA-SANTA MARIA-LOMPOC, CA	SANTA BARBARA	60830010	1	54	6	14	93.3	12	6	13	86.7	10.7	6	14	93.3	13	6	13	86.7	17.5				1	13.3	28
CALIFORNIA	SANTA BARBARA-SANTA MARIA-LOMPOC, CA	SANTA BARBARA	60831007	1	14			0	0			0	0			0	0	0	6	14	93.3	10.2	1			10.2	19
CALIFORNIA	SAN JOSE, CA	SANTA CLARA	60850004	2	117	6	1	6.7	2.6	6	14	93.3	8.8	6	15	100	12.8	1	87	95.6	23.9			1		12	63

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt4q	alt11 samp	alt11 samp	a75pet	Ann Mean	p98
CALIFORNIA	SAN JOSE, CA	SANTA CLARA	60852003	1	116	3	10	33.3	6	12	80	10.5	6	12	80	13.2	1	82	90.1	24.3		1			14.5	67
CALIFORNIA	SANTA CRUZ-WATSONVILLE, CA	SANTA CRUZ	60870007	1	52	3	15	50	3	30	100	8.3	1	7	7.7	11.2			0	0	1				9.4	17
CALIFORNIA	REDDING, CA	SHASTA	60890004	1	57	6	15	100	6	14	93.3	6.4	6	14	93.3	18.5	6	14	93.3	12.6				1	12.9	55
CALIFORNIA	VALLEJO-FAIRFIELD-NAPA, CA	SOLANO	60950004	1	63	3	8	26.7	9	6	13	86.7	9.7	6	14	93.3	9.8	3	28	93.3	27.9	1			14.1	52
CALIFORNIA	SANTA ROSA, CA	SONOMA	60970003	1	69	3	18	60	6	12	80	7.2	6	12	80	9.7	3	27	90	20		1			11.7	45
CALIFORNIA	MODESTO, CA	STANISLAUS	60990005	1	116	3	30	100	3	25	83.3	11.1	3	33	110	15.5	3	28	93.3	45.2				1	24.4	95
CALIFORNIA	YUBA CITY, CA	SUTTER	61010003	1	53	6	15	100	6	10	66.7	8	6	16	106.7	14.7	6	12	80	28.2		1			16.6	56
CALIFORNIA	YUBA CITY, CA	SUTTER	61010003	2	58	6	15	100	6	15	100	7.3	6	15	100	13.7	6	13	86.7	26.5				1	15.9	53
CALIFORNIA	VISALIA-TULARE-PORTERVILLE, CA	TULARE	61072002	1	117	3	26	86.7	29.2	3	31	103.3	12.1	3	30	100	16.9	3	30	100	52.2			1	27.6	114
CALIFORNIA	VENTURA, CA	VENTURA	61110007	1	105	3	27	90	11	3	27	90	12.1	3	28	93.3	14.2	3	23	76.7	10.5			1	12	31
CALIFORNIA	VENTURA, CA	VENTURA	61110007	2	54	6	15	100	14.3	6	13	86.7	11.6	6	12	80	16.7	6	14	93.3	12.9			1	13.8	35
CALIFORNIA	VENTURA, CA	VENTURA	6112002	1	105	3	27	90	10.8	3	26	86.7	14.3	3	27	90	17.3	3	25	83.3	12.9			1	13.8	35
CALIFORNIA	VENTURA, CA	VENTURA	6113001	1	91	3	18	60	11	3	29	96.7	11.6	3	19	63.3	14	3	25	83.3	11.6			1	12.1	30
CALIFORNIA	YOLO, CA	YOLO	61131003	1	98	3	28	93.3	13.5	3	29	96.7	7.2	3	29	96.7	12.9	3	12	40	31.6			1	16.3	56
COLORADO	DENVER, CO	ADAMS	80010001	1	97	3	11	36.7	6.7	3	26	86.7	7.1	3	30	100	8.5	3	30	100	11.7			1	8.5	25
COLORADO	DENVER, CO	ADAMS	80010001	2	14			0			0	0			0	0			0	0					9.3	13
COLORADO	DENVER, CO	ARAPAHOE	80050005	1	87	3	5	16.7	7.1	3	26	86.7	12.5	3	30	100	7.2	3	26	86.7	7.7	1			8.6	22
COLORADO	BOULDER-LONGMONT, CO	BOULDER	80130003	1	102	3	18	60	10.2	3	26	86.7	6.1	3	28	93.3	7	3	30	100	9.9			1	8.3	20
COLORADO	BOULDER-LONGMONT, CO	BOULDER	80130012	1	89	3	11	36.7	7.3	3	17	56.7	6.3	3	31	103.3	6.9	3	30	100	7.1			1	6.9	23
COLORADO	DENVER, CO	DENVER	80310002	1	126	1	53	58.2	8.6	1	73	80.2	7.9			0			0	0	1				8.2	24
COLORADO	NOT IN AN MSA	ELBERT	80390001	1	67			0	0	3	9	30	3.8	3	28	93.3	4.6	3	30	100	2.9				3.7	8
COLORADO	COLORADO SPRINGS, CO	EL PASO	80410008	1	43			0	0			0	0	3	16	53.3	6.8	3	27	90	6.8				6.8	15
COLORADO	COLORADO SPRINGS, CO	EL PASO	80410011	1	41			0	0			0	0	1	16	17.6	5.6	3	25	83.3	7				6.3	12
COLORADO	COLORADO SPRINGS, CO	EL PASO	80410011	2	10			0	0			0	0			0		6	10	66.7	6				6	12
COLORADO	FORT COLLINS-LOVELAND, CO	LARIMER	80690009	1	47			0	0			0	0	3	17	56.7	6.4	3	30	100	8.3	1			7.4	24
COLORADO	GRAND JUNCTION, CO	MESA	80770003	1	110	3	26	86.7	9.2	3	30	100	4.5	3	24	80	5.6	3	30	100	8.5			1	6.9	18
COLORADO	GRAND JUNCTION, CO	MESA	80770003	2	15			0			0	0			0	0		6	15	100	8.2	1			8.2	15
COLORADO	PUEBLO, CO	PUEBLO	81010012	1	59	6	8	53.3	5.5			0	0	3	20	66.7	6.7	3	31	103.3	8.1				6.7	13
COLORADO	NOT IN AN MSA	ROUITT	81070003	1	29			0	0	6	2	13.3	5.2	6	14	93.3	5.2	6	13	86.7	6.8				5.7	14
COLORADO	GREELEY, CO	WELD	81230006	1	85	3	13	43.3	9	3	25	83.3	4.6	3	19	63.3	6.9	3	28	93.3	9.8			1	7.6	24
COLORADO	GREELEY, CO	WELD	81230008	1	49			0	0			0	0	3	20	66.7	6.7	3	29	96.7	9.6				8.2	29
CONNECTICUT	BRIDGEPORT, CT	FAIRFIELD	90010010	1	63			0	0	3	14	46.7	13.8	3	26	86.7	15	3	23	76.7	12.2	1			13.7	34
CONNECTICUT	BRIDGEPORT, CT	FAIRFIELD	90010010	2	67			0	0	3	16	53.3	15.2	3	26	86.7	14.6	3	25	83.3	12	1			13.9	33

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt4q	alt11 samp	alt11 smp	a75pet	Ann Mean	p08
CONNECTICUT	DANBURY, CT	FAIRFIELD	90011123	1	39				0	3	9	30	12.2	3	15	50	15	3	15	50	11.5	1				12.9	37
CONNECTICUT	STAMFORD-NORWALK, CT	FAIRFIELD	90012124	1	41				0	6	5	33.3	10.1	3	16	53.3	11.9	3	20	66.7	13.1	1				11.7	30
CONNECTICUT	BRIDGEPORT, CT	FAIRFIELD	90019003	1	20				0			0	0	6	9	60	16.1	6	11	73.3	10.7	1				13.4	34
CONNECTICUT	HARTFORD, CT	HARTFORD	90031003	1	183				0	1	26	28.6	10.9	1	68	74.7	13.2	1	89	97.8	9.6	1				11.2	35
CONNECTICUT	HARTFORD, CT	HARTFORD	90031018	1	51				0	6	7	46.7	10	3	18	60	14.3	3	26	86.7	11.3	1				11.9	36
CONNECTICUT	NEW HAVEN-MERIDEN, CT	NEW HAVEN	90090018	1	75				0	3	17	56.7	16.7	3	29	96.7	18.2	3	29	96.7	16.7	1				17.2	33
CONNECTICUT	NEW HAVEN-MERIDEN, CT	NEW HAVEN	90090018	2	68				0	3	13	43.3	16.5	3	27	90	17.1	3	28	93.3	16.6	1				16.7	32
CONNECTICUT	NEW HAVEN-MERIDEN, CT	NEW HAVEN	90091123	1	70				0	3	12	40	13.5	3	30	100	14.4	3	28	93.3	14	1				13.9	32
CONNECTICUT	NEW HAVEN-MERIDEN, CT	NEW HAVEN	90091123	2	57				0	6	8	53.3	8.6	3	23	76.7	14.9	3	26	86.7	13.4	1				12.3	33
CONNECTICUT	WATERBURY, CT	NEW HAVEN	90092123	1	75				0	3	18	60	13.4	3	29	96.7	14.9	3	28	93.3	13	1				13.8	38
CONNECTICUT	WATERBURY, CT	NEW HAVEN	90092123	2	61				0	3	17	56.7	12.8	3	21	70	14.8	3	23	76.7	12.6	1				13.4	31
CONNECTICUT	NEW HAVEN-MERIDEN, CT	NEW HAVEN	90099005	1	46				0			0	0	3	21	70	12.3	3	25	83.3	10.5	1				11.4	28
CONNECTICUT	NEW LONDON-NORWICH, CT-RI	NEW LONDON	90113002	1	52				0	6	6	40	11.8	3	17	56.7	11	3	29	96.7	10.4	1				11.1	24
DELAWARE	DOVER, DE	KENT	100010002	1	80				9.7	3	13	43.3	9	3	21	70	16	3	24	80	11.5					11.6	29
DELAWARE	DOVER, DE	KENT	100010003	1	65				11	3	12	40	8.7	3	18	60	16.3	3	24	80	11.3			1		12.4	31
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031003	1	86				23	3	14	46.7	10.7	3	22	73.3	16.8	3	27	90	13.7			1		13.8	33
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031007	1	57				15	3	9	30	8.4	3	14	46.7	17.4	3	19	63.3	12.9			1		12.8	43
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031011	1	143				17	1	25	27.5	10.9	1	65	71.4	17.1	1	36	39.6	13.1			1		13.3	34
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031011	2	42				20	6	8	53.3	13	3	18	60	15.9	3	13	43.3	16.5			1		14.4	33
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031012	1	16				0			0	0			0	0	1	16	17.6	15.4	1				15.4	35
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100031012	2	5				0			0	0			0	0	3	5	16.7	12.5	1				12.5	20
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100032004	1	201				25	1	30	33	12.7	1	65	71.4	17.2	1	81	89	15.5			1		15.6	35
DELAWARE	WILMINGTON-NEWARK, DE-MD	NEW CASTLE	100032004	2	64				8	3	9	30	10.9	3	24	80	16.7	3	23	76.7	14.7			1		14.7	30
DELAWARE	NOT IN AN MSA	SUSSEX	100051002	1	89				26	3	13	43.3	12.2	3	22	73.3	18	3	28	93.3	12			1		14.2	35
DISTRICT OF COLUMBIA	WASHINGTON, DC-MD-VA-WV	WASHINGTON	110010041	1	246				36	1	68	74.7	12.7	1	79	86.8	20.7	1	63	69.2	14.6			1		15.2	36
DISTRICT OF COLUMBIA	WASHINGTON, DC-MD-VA-WV	WASHINGTON	110010041	2	10				55.6			0	0			0	0			0	0	1				13.5	23
DISTRICT OF COLUMBIA	WASHINGTON, DC-MD-VA-WV	WASHINGTON	110010042	1	71				6.7	3	22	73.3	12.6	3	22	73.3	19.2	3	26	86.7	14.3			1		14.7	35

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pet mean	q2 sched	q2 samp	q2pet mean	q3 sched	q3 samp	q3pet mean	q4 sched	q4 samp	q4pet mean	alt4q	alt11 samp	all samp	a75pet	Ann Mean	p98	
DISTRICT OF COLUMBIA	WASHINGTON, DC-MD-VA-WV	WASHINGTON	110010043	1	257	1	43	47.3	1	88	96.7	1	49	53.8	1	77	84.6	14.8		1		14.9	35	
DISTRICT OF COLUMBIA	WASHINGTON, DC-MD-VA-WV	WASHINGTON	110010043	2	53	2	15	33.3	14.7	2	22	48.9	15.9	1	16	17.6	24.8					18.5	38	
FLORIDA	FORT LAUDERDALE, FL	BROWARD	120111002	1	334	1	77	84.6	9.6	1	85	93.4	9.9	1	80	87.9	9.9	1	92	101.1	7.6	1	9.3	25
FLORIDA	FORT LAUDERDALE, FL	BROWARD	120121004	1	251			0	0	1	84	92.3	9.5	1	82	90.1	9	1	85	93.4	6.7	1	8.4	19
FLORIDA	FORT LAUDERDALE, FL	BROWARD	120131002	1	85			0	0	3	26	86.7	9.5	3	30	100	8.1	3	29	96.7	6.8	1	8.1	21
FLORIDA	MIAMI, FL	DADE	120251016	1	275	1	41	45.1	14.1	1	77	84.6	13	1	76	83.5	10.9	1	81	89	10.5	1	12.1	26
FLORIDA	MIAMI, FL	DADE	120256001	1	101	3	19	63.3	10.2	3	27	90	9.4	3	26	86.7	8.2	3	29	96.7	6.7	1	8.6	18
FLORIDA	JACKSONVILLE, FL	DUVAL	120310098	1	134			0	0	6	1	6.7	8.5	1	54	59.3	14.6	1	79	86.8	10.8	1	11.3	27
FLORIDA	JACKSONVILLE, FL	DUVAL	120310099	1	139			0	0	6	1	6.7	9.2	1	55	60.4	15.6	1	83	91.2	10.5	1	11.7	32
FLORIDA	PENSACOLA, FL	ESCAMBIA	120330004	1	112	3	27	90	13	3	29	96.7	13.1	3	28	93.3	17.5	3	28	93.3	15.7	1	14.8	30
FLORIDA	TAMPA-ST. PETERSBURG-CLEARWATER, FL	HILLSBOROUGH	120570030	1	309	1	76	83.5	13.5	1	82	90.1	13.5	1	82	90.1	13.1	1	69	75.8	11	1	12.8	25
FLORIDA	TAMPA-ST. PETERSBURG-CLEARWATER, FL	HILLSBOROUGH	120571075	1	303	1	69	75.8	13.6	1	77	84.6	13	1	83	91.2	13.5	1	74	81.3	11.7	1	13	25
FLORIDA	FORT MYERS-CAPE CORAL, FL	LEE	120710005	1	110	3	17	56.7	11.7	3	32	106.7	10.7	3	31	103.3	10.1	3	30	100	8.2	1	10.2	21
FLORIDA	TALLAHASSEE, FL	LEON	120730012	1	111	3	23	76.7	13.2	3	33	110	14.7	3	29	96.7	15.2	3	26	86.7	12.7	1	14	31
FLORIDA	SARASOTA-BRADENTON, FL	MANATEE	120814012	1	92	3	14	46.7	12.6	3	28	93.3	11.5	3	26	86.7	11.5	3	24	80	10.9	1	11.6	38
FLORIDA	OCALA, FL	MARION	120830003	1	96	3	14	46.7	12.3	3	27	90	12.1	3	29	96.7	12.2	3	26	86.7	9.2	1	11.4	21
FLORIDA	ORLANDO, FL	ORANGE	120951004	1	345	1	83	91.2	12.8	1	84	92.3	11.4	1	86	94.5	11.7	1	92	101.1	9.1	1	11.3	24
FLORIDA	ORLANDO, FL	ORANGE	120952002	1	352	1	83	91.2	13.3	1	91	100	11.4	1	87	95.6	11.7	1	91	100	9.1	1	11.4	25
FLORIDA	WEST PALM BEACH-BOCA RATON, FL	PALM BEACH	120992003	1	319	1	78	83.7	11	1	86	94.5	9.4	1	70	76.9	9.6	1	85	93.4	7.4	1	9.3	20
FLORIDA	TAMPA-ST. PETERSBURG-CLEARWATER, FL	PINELLAS	121030018	1	348	1	85	93.4	12.8	1	85	93.4	12.5	1	88	96.7	12.1	1	90	98.9	10.4	1	11.9	25
FLORIDA	TAMPA-ST. PETERSBURG-CLEARWATER, FL	PINELLAS	121031008	1	112	3	22	73.3	12.4	3	31	103.3	12.8	3	31	103.3	12.7	3	28	93.3	9.1	1	11.8	23
FLORIDA	LAKELAND-WINTER HAVEN, FL	POLK	121056006	1	77	3	11	36.7	11.8	3	19	63.3	11	3	23	76.7	11.2	3	24	80	10.3	1	11.1	23
FLORIDA	FORT PIERCE-PORT ST. LUCIE, FL	ST LUCIE	121111002	1	115	3	27	90	11.8	3	30	100	10.4	3	29	96.7	9.3	3	29	96.7	7.2	1	9.7	19
FLORIDA	SARASOTA-BRADENTON, FL	SARASOTA	121150013	1	110	3	23	76.7	11.1	3	28	93.3	11.2	3	29	96.7	10.8	3	30	100	9.4	1	10.6	23
FLORIDA	ORLANDO, FL	SEMINOLE	121171002	1	105	3	24	80	12.1	3	28	93.3	11.2	3	27	90	12	3	26	86.7	8.3	1	10.9	22
FLORIDA	DAYTONA BEACH, FL	VOLUSIA	121275002	1	110	3	28	93.3	12.8	3	24	80	11.3	3	29	96.7	12.6	3	29	96.7	8.9	1	11.4	25
GEORGIA	MACON, GA	BIBB	130210007	1	115	3	12	40	16.1	3	29	96.7	17.6	1	45	40.5	23.8	3	29	96.7	20.7	1	19.6	43
GEORGIA	MACON, GA	BIBB	130210012	1	91	3	11	36.7	15.9	3	24	80	21.6	3	26	86.7	17.7	3	30	100	16	1	17.8	55
GEORGIA	SAVANNAH, GA	CHATHAM	130510017	1	99	3	20	66.7	18.2	3	23	76.7	20.6	3	29	96.7	18.1	3	27	90	16.1	1	18.2	52

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	all4q	all1 samp	all1 pet	Ann Mean	p8
GEORGIA	SAVANNAH, GA	CHATHAM	130510091	1	73	3	21	70	16.8	3	21	70	18.5	3	6	20	13.8	3	25	83.3	16.7	1	1	16.5	30
GEORGIA	ATHENS, GA	CLARKE	130590001	1	99	3	19	63.3	14.8	3	29	96.7	12	3	25	83.3	27.3	3	26	86.7	17.5	1	1	17.9	48
GEORGIA	ATLANTA, GA	CLAYTON	130630001	1	103	3	23	76.7	17.5	3	24	80	19	3	27	90	26.5	3	29	96.7	20.5	1	1	20.9	41
GEORGIA	ATLANTA, GA	COBB	130670003	1	86	3	10	33.3	21.1	3	27	90	19.8	3	22	73.3	24.2	3	27	90	19.3	1	1	21.1	40
GEORGIA	ATLANTA, GA	DE KALB	130890002	1	275	1	44	48.4	17.2	1	78	85.7	19.2	1	74	81.3	27.5	1	79	86.8	20.2	1	1	21	48
GEORGIA	ATLANTA, GA	DE KALB	130892001	1	315	1	74	81.3	20.1	1	78	85.7	20.2	1	82	90.1	26.7	1	81	89	19.4	1	1	21.6	44
GEORGIA	ATLANTA, GA	DE KALB	130892001	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	38	38
GEORGIA	ALBANY, GA	DOUGHERTY	130950007	1	91	3	10	33.3	19.9	3	28	93.3	16.4	3	28	93.3	20.6	3	25	83.3	17.4	1	1	18.6	38
GEORGIA	NOT IN AN MSA	FLOYD	131150005	1	100	3	19	63.3	16.8	3	27	90	22.6	3	30	100	25	3	24	80	20.2	1	1	21.1	59
GEORGIA	ATLANTA, GA	FULTON	131210032	1	287	1	57	62.6	16.8	1	76	83.5	19.4	1	74	81.3	26.5	1	80	87.9	18.7	1	1	20.3	39
GEORGIA	ATLANTA, GA	FULTON	131210032	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	29.6	30
GEORGIA	ATLANTA, GA	FULTON	131210039	1	102	3	23	76.7	19.3	3	23	76.7	20.6	3	28	93.3	29.8	3	28	93.3	22.5	1	1	23	48
GEORGIA	ATLANTA, GA	FULTON	131211001	1	103	3	21	70	15.2	3	24	80	17.9	3	30	100	24.9	3	28	93.3	17.5	1	1	18.9	37
GEORGIA	NOT IN AN MSA	GLYNN	131270004	1	34	3	14	46.7	17.7	3	20	66.7	17.3	3	0	0	0	0	0	0	0	1	1	17.5	34
GEORGIA	NOT IN AN MSA	GLYNN	131270006	1	34	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	17.5	34
GEORGIA	NOT IN AN MSA	HALL	131390003	1	98	3	13	43.3	14.6	3	29	96.7	17.6	3	28	93.3	23.5	3	28	93.3	16.1	1	1	17.9	35
GEORGIA	COLUMBUS, GA-AL	MUSCOGEE	132150001	1	88	3	8	26.7	9.9	3	27	90	16.1	3	27	90	23.9	3	26	86.7	17.3	1	1	16.8	37
GEORGIA	COLUMBUS, GA-AL	MUSCOGEE	132150011	1	102	3	21	70	16.2	3	25	83.3	16.7	3	28	93.3	24	3	28	93.3	17.1	1	1	18.5	42
GEORGIA	ATLANTA, GA	PAULDING	132230003	1	95	3	17	56.7	12.8	3	26	86.7	20.8	3	24	80	22.3	3	28	93.3	18.1	1	1	18.5	99
GEORGIA	AUGUSTA-AIKEN, GA-SC	RICHMOND	132450005	1	98	3	21	70	17.4	3	30	100	17.5	3	25	83.3	22.2	3	22	73.3	20.5	1	1	19.4	39
GEORGIA	AUGUSTA-AIKEN, GA-SC	RICHMOND	132450091	1	85	3	14	46.7	17.8	3	26	86.7	18.6	3	27	90	23	3	18	60	20.1	1	1	19.9	42
GEORGIA	NOT IN AN MSA	WASHINGTON	133030001	1	55	6	11	73.3	15.8	6	15	100	16.9	6	14	93.3	22	6	15	100	17.9	1	1	18.2	40
GEORGIA	NOT IN AN MSA	WILKINSON	133190001	1	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	19.7	43
HAWAII	HONOLULU, HI	HONOLULU	150030010	1	101	3	25	83.3	6.2	3	30	100	5	3	30	100	2.8	3	16	53.3	2.5	1	1	4.1	9
HAWAII	HONOLULU, HI	HONOLULU	150031001	1	331	1	79	86.8	7.8	1	88	96.7	5.3	1	83	91.2	2.8	1	81	89	3.7	1	1	4.9	15
HAWAII	HONOLULU, HI	HONOLULU	150031001	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	13.3	3.1	1	1	3.1	3
HAWAII	HONOLULU, HI	HONOLULU	150031004	1	15	1	0	0	0	0	0	0	0	0	0	0	0	0	6	15	100	4.1	1	4.1	6
HAWAII	HONOLULU, HI	HONOLULU	150032004	1	334	1	82	90.1	6.7	1	82	90.1	5.8	1	86	94.5	2.7	1	84	92.3	4.3	1	1	4.9	13
HAWAII	HONOLULU, HI	HONOLULU	150032004	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	6	1	6.7	2.2	1	2.2	2
HAWAII	NOT IN AN MSA	MAUI	150090006	1	92	3	15	50	8.8	3	29	96.7	6.4	3	22	73.3	3.9	3	26	86.7	3.7	1	1	5.7	13
IDAHO	BOISE CITY, ID	ADA	160010011	1	71	3	30	100	10.1	3	30	100	5.1	3	11	36.7	8	3	0	0	0	1	1	7.7	26
IDAHO	BOISE CITY, ID	ADA	160010011	2	56	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	11.3	33
IDAHO	BOISE CITY, ID	ADA	160010017	1	85	6	15	100	8.6	6	15	100	5.3	3	25	83.3	8.3	3	30	100	9.7	1	1	8	25
IDAHO	POCATELLO, ID	BANNOCK	160050006	1	72	6	15	100	9.3	6	14	93.3	7	6	15	100	7.3	3	28	93.3	8.9	1	1	8.1	32
IDAHO	POCATELLO, ID	BANNOCK	160050015	1	73	3	30	100	7.7	3	30	100	6.3	3	13	43.3	7.3	3	29	96.7	17.4	1	1	7.1	20
IDAHO	POCATELLO, ID	BANNOCK	160050015	2	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	12.2	119
IDAHO	NOT IN AN MSA	BONNER	160170001	1	66	3	29	96.7	10.4	3	30	100	8	3	17	56.7	7	3	29	96.7	17.4	1	1	8.7	24
IDAHO	NOT IN AN MSA	BONNER	160170001	2	54	1	0	0	0	0	0	0	0	0	0	0	0	0	30	100	13	1	1	9.8	31

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pct	q1 mean	q2 sched	q2 samp	q2 pct	q2 mean	q3 sched	q3 samp	q3 pct	q3 mean	q4 sched	q4 samp	q4 pct	q4 mean	alt4q	alt11 samp	alt11 samp	a75pct	Ann Mean	p98
IDAHO	NOT IN AN MSA	BONNEVILLE	160190010	1	15			0	0	0		0	0	6	2	13.3	6.9	6	13	86.7	71.1	1				7	18
IDAHO	BOISE CITY, ID	CANYON	160270004	1	119	3	30	100	10.2	3	29	96.7	5.1	3	31	103.3	8.2	3	29	96.7	11.2				1	8.7	29
IDAHO	BOISE CITY, ID	CANYON	160270005	1	85	6	15	100	11.4	6	15	100	6.1	3	25	83.3	9.1	3	30	100	12.8				1	9.9	32
IDAHO	NOT IN AN MSA	KOOTENAI	160550006	2	50			0	0	0			0	3	22	73.3	6.6	3	28	93.3	13.1	1				9.9	77
IDAHO	NOT IN AN MSA	NEZ PERCE	160690009	1	14			0	0	0			0	0			0	6	14	93.3	14.7	1				14.7	40
IDAHO	NOT IN AN MSA	SHOSHONE	160790017	1	18			0	0	0			0	6	4	26.7	7.3	6	14	93.3	14.8	1				11	33
IDAHO	NOT IN AN MSA	TWIN FALLS	160830006	1	49	6	12	80	2.7	6	13	86.7	3.2	6	12	80	4.2	6	12	80	3.2				1	3.3	12
IDAHO	NOT IN AN MSA	TWIN FALLS	160830010	1	4			0	0	0			0	0			0	6	4	26.7	11.9	1				11.9	36
ILLINOIS	CHAMPAIGN-URBANA, IL	CHAMPAIGN	170191001	1	50	6	8	53.3	17.5	6	14	93.3	13.6	6	14	93.3	17.5	6	14	93.3	11.1		1			14.9	38
ILLINOIS	CHICAGO, IL	COOK	170310014	1	56	6	13	86.7	18	6	13	86.7	17.6	6	15	100	19.6	6	15	100	16.9				1	18	44
ILLINOIS	CHICAGO, IL	COOK	170310022	1	58	6	13	86.7	16.4	6	15	100	17	6	15	100	20	6	15	100	16.2				1	17.4	44
ILLINOIS	CHICAGO, IL	COOK	170310050	1	58	6	13	86.7	17.7	6	15	100	16.1	6	15	100	19.1	6	15	100	15.9				1	17.2	46
ILLINOIS	CHICAGO, IL	COOK	170310052	1	48	6	14	93.3	19.4	6	15	100	18.4	6	4	26.7	17.8	6	15	100	19.1		1			18.7	47
ILLINOIS	CHICAGO, IL	COOK	17031016	1	58	6	14	93.3	21.8	6	14	93.3	22	6	15	100	22.3	6	15	100	21.2				1	21.8	54
ILLINOIS	CHICAGO, IL	COOK	170311701	1	58	6	14	93.3	18.1	6	15	100	18.2	6	15	100	18.1	6	14	93.3	18.4				1	18.2	46
ILLINOIS	CHICAGO, IL	COOK	170312001	1	59	6	14	93.3	17.7	6	15	100	17.7	6	15	100	19.2	6	15	100	15.2				1	17.4	47
ILLINOIS	CHICAGO, IL	COOK	170313001	1	58	6	13	86.7	18.3	6	15	100	18.8	6	15	100	17.2	6	15	100	15.7				1	17.5	46
ILLINOIS	CHICAGO, IL	COOK	170314006	1	53	6	11	73.3	14.1	3	13	43.3	15.6	6	15	100	16.8	3	14	46.7	14.1			1		15.1	38
ILLINOIS	CHICAGO, IL	COOK	170314201	1	59	6	14	93.3	16.6	6	15	100	15.4	6	15	100	16.3	6	15	100	13.7				1	15.5	43
ILLINOIS	CHICAGO, IL	COOK	170314302	1	54	6	12	80	17.3	6	15	100	13.2	6	13	86.7	18	6	14	93.3	13.7				1	15.5	32
ILLINOIS	CHICAGO, IL	DU PAGE	170434002	1	49	6	8	53.3	19.7	6	12	80	17.3	6	14	93.3	17.4	6	15	100	13.3		1			16.9	43
ILLINOIS	DECATUR, IL	MACON	171500013	1	49	6	14	93.3	17.6	6	15	100	15.4	6	14	93.3	18.9	6	15	100	12.1				1	16	38
ILLINOIS	NOT IN AN MSA	MACOUPIN	171700002	1	58	6	14	93.3	17.6	6	15	100	15.4	6	14	93.3	18.9	6	15	100	12.1				1	20.6	43
ILLINOIS	ST. LOUIS, MO-IL	MADISON	171900023	1	57	6	14	93.3	20.6	6	13	86.7	17.4	6	15	100	22.5	6	15	100	22				1	17.2	30
ILLINOIS	ST. LOUIS, MO-IL	MADISON	171910007	1	56	6	11	73.3	18.2	6	15	100	14.2	6	15	100	20.1	6	15	100	16.1					15.7	43
ILLINOIS	ST. LOUIS, MO-IL	MADISON	171930007	1	55	6	13	86.7	15.7	6	12	80	13	6	15	100	19.5	6	15	100	14.7				1	15.7	43
ILLINOIS	PEORIA-PEKIN, IL	PEORIA	171430037	1	54	6	11	73.3	16.1	6	14	93.3	15.2	6	15	100	18.3	6	14	93.3	14.6				1	16	38
ILLINOIS	NOT IN AN MSA	RANDOLPH	171570001	1	57	6	13	86.7	13.6	6	14	93.3	13.7	6	15	100	18.8	6	15	100	11.8				1	14.5	34
ILLINOIS	DAVENPORT-MOLINE-ROCK ISLAND, IA-IL	ROCK ISLAND	171610003	1	57	6	12	80	22.4	6	15	100	12.3	6	15	100	16.7	6	15	100	14.4				1	16.4	41
ILLINOIS	ST. LOUIS, MO-IL	ST. CLAIR	171630010	1	57	6	13	86.7	17.7	6	14	93.3	15.1	6	15	100	23	6	15	100	15.6				1	17.9	45
ILLINOIS	SPRINGFIELD, IL	SANGAMON	171670012	1	58	6	14	93.3	18.1	6	15	100	14.1	6	14	93.3	18.8	6	15	100	12.5				1	15.9	39
ILLINOIS	CHICAGO, IL	WILL	171971002	1	59	6	14	93.3	17.7	6	15	100	14.8	6	15	100	16.9	6	15	100	12.7				1	15.5	39
ILLINOIS	CHICAGO, IL	WILL	171971011	1	52	6	13	86.7	15.9	6	13	86.7	14.5	6	11	73.3	14.3	6	15	100	10.9					13.9	30
ILLINOIS	CHICAGO, IL	WINNEBAGO	172010010	1	51	6	9	60	13.4	6	13	86.7	13.5	6	14	93.3	15.6	6	15	100	14.8		1			14.3	31
INDIANA	FORT WAYNE, IN	ALLEN	180030004	1	70	3	21	70	12.5	3	18	60	9.1	3	11	36.7	16	3	20	66.7	11.5					12.3	33
INDIANA	LOUISVILLE, KY-IN	CLARK	180190005	1	90	3	19	63.3	14.7	3	24	80	16.2	3	22	73.3	18	3	25	83.3	14.6				1	15.9	37
INDIANA	ELKHART-GOSHEN, IN	ELKHART	180390003	1	68			0	0	3	14	46.7	11.4	3	29	96.7	13.2	3	25	83.3	12.9	1				12.5	32
INDIANA	LOUISVILLE, KY-IN	FLOYD	180431004	1	96	3	17	56.7	12.1	3	24	80	14.8	3	30	100	18.7	3	25	83.3	10.8				1	14.1	34
INDIANA	LOUISVILLE, KY-IN	FLOYD	180431004	2	14	6	9	60	12.2	6	5	33.3	7.9				0			0	0	1				10.1	21

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pet mean	q2 sched	q2 samp	q2pet mean	q3 sched	q3 samp	q3pet mean	q4 sched	q4 samp	q4pet mean	all4q	all11 samp	all11 pet	Ann Mean	p98
INDIANA	KOKOMO, IN	HOWARD	180670003	1	51	.	.	0	3	3	10	24	3	22	73.3	15.2	8.2	1	.	.	15.8	33
INDIANA	GARY, IN	LAKE	180890006	1	214	1	35	38.5	1	61	67	14.8	1	59	64.8	15.2	1	59	64.8	14.9	14.3	36
INDIANA	GARY, IN	LAKE	180890022	1	211	1	15	16.5	1	45	49.5	14.3	1	76	83.5	14.9	1	75	82.4	19.3	15.5	44
INDIANA	GARY, IN	LAKE	180891003	1	78	3	14	46.7	15	3	19	63.3	12.2	3	21	70	16.2	3	24	80	13.6	42
INDIANA	GARY, IN	LAKE	180891016	1	263	1	81	89	16.2	1	43	47.3	17	1	72	79.1	14.9	1	67	73.6	15.4	37
INDIANA	GARY, IN	LAKE	180891016	2	8	6	4	26.7	12.3	6	4	26.7	11	.	.	0	0	0	1	.	11.6	21
INDIANA	GARY, IN	LAKE	180892004	1	76	3	10	33.3	14.1	3	17	56.7	14.6	3	23	76.7	9.3	.	1	.	14.8	41
INDIANA	GARY, IN	LAKE	180892010	1	24	3	9	30	10.5	3	13	43.3	13.9	6	2	13.3	15	0	1	.	13.1	31
INDIANA	INDIANAPOLIS, IN	MADISON	180950009	1	69	3	5	16.7	13.4	3	26	86.7	12.2	3	14	46.7	14.1	3	24	80	12.6	34
INDIANA	INDIANAPOLIS, IN	MADISON	180950009	2	7	6	2	13.3	9.5	6	5	33.3	6.8	.	.	0	0	0	1	.	8.1	13
INDIANA	INDIANAPOLIS, IN	MADISON	180970043	1	39	3	19	63.3	18.2	3	20	66.7	16.6	.	.	0	0	0	1	.	17.4	38
INDIANA	INDIANAPOLIS, IN	MARION	180970066	1	33	3	13	43.3	17.4	3	20	66.7	16.1	.	.	0	0	0	1	.	16.8	38
INDIANA	INDIANAPOLIS, IN	MARION	180970078	1	27	3	8	26.7	14.1	3	19	63.3	14.6	.	.	0	0	0	1	.	14.3	30
INDIANA	INDIANAPOLIS, IN	MARION	180970081	1	116	1	56	61.5	15.6	1	60	65.9	16.2	.	.	0	0	0	1	.	15.9	30
INDIANA	INDIANAPOLIS, IN	MARION	180970081	2	17	6	8	53.3	13.2	6	9	60	14.6	.	.	0	0	0	1	.	13.9	41
INDIANA	INDIANAPOLIS, IN	MARION	180970083	1	122	1	65	71.4	16.4	1	57	62.6	15.9	.	.	0	0	0	1	.	16.2	35
INDIANA	INDIANAPOLIS, IN	MARION	180970083	2	18	6	9	60	16.1	6	9	60	14.2	.	.	0	0	0	1	.	15.1	35
INDIANA	GARY, IN	PORTER	181270020	1	86	3	6	20	9	3	26	86.7	12.2	3	26	86.7	10.1	.	1	.	11	36
INDIANA	GARY, IN	PORTER	181270024	1	98	3	17	56.7	12	3	26	86.7	12.1	3	29	96.7	10.8	.	1	.	12	34
INDIANA	SOUTH BEND, IN	ST JOSEPH	181411008	1	72	.	.	0	0	3	22	73.3	11.6	3	30	100	12.3	3	20	66.7	11.9	34
INDIANA	SOUTH BEND, IN	ST JOSEPH	181411008	2	3	.	.	0	0	6	3	20	5.8	.	.	0	0	0	1	.	5.8	7
INDIANA	SOUTH BEND, IN	ST JOSEPH	181412004	1	73	.	.	0	0	3	19	63.3	9.7	3	26	86.7	11.8	3	28	93.3	10	30
INDIANA	LAFAYETTE, IN	TIPPECANOE	181570007	1	68	.	.	0	0	3	11	36.7	16.3	3	29	96.7	15.5	3	28	93.3	13.8	32
INDIANA	EVANSVILLE-HENDERS ON, IN-KY	VANDERBURGH	181630006	1	60	.	.	0	0	3	18	60	12.9	3	26	86.7	19.2	3	16	53.3	15.1	34
INDIANA	EVANSVILLE-HENDERS ON, IN-KY	VANDERBURGH	181630006	2	3	.	.	0	0	6	3	20	8.4	.	.	0	0	0	1	.	8.4	10
INDIANA	EVANSVILLE-HENDERS ON, IN-KY	VANDERBURGH	181630012	1	60	.	.	0	0	3	12	40	17.9	3	22	73.3	20.3	3	26	86.7	16.7	39
INDIANA	EVANSVILLE-HENDERS ON, IN-KY	VANDERBURGH	181630016	1	58	.	.	0	0	3	6	20	22.7	3	27	90	19.2	3	25	83.3	18.1	38
INDIANA	TERRE HAUTE, IN	VIGO	181670018	1	85	3	5	16.7	11.5	3	24	80	15.2	3	28	93.3	14.9	3	28	93.3	12.9	35
IOWA	WATERLOO-CEDAR FALLS, IA	BLACK HAWK	190130008	1	97	3	19	63.3	14.7	3	17	56.7	12.2	3	31	103.3	10.4	3	30	100	12.1	32
IOWA	NOT IN AN MSA	CERRO GORDO	190330019	1	59	.	.	0	0	.	0	0	0	3	29	96.7	10.1	3	30	100	10	27
IOWA	NOT IN AN MSA	CLINTON	190450021	1	112	3	21	70	14.2	3	28	93.3	13	3	33	110	12.4	3	30	100	12.7	33
IOWA	IOWA CITY, IA	JOHNSON	191032001	1	116	3	22	73.3	15.3	3	30	100	12.2	3	34	113.3	11.3	3	30	100	12.3	32
IOWA	CEDAR RAPIDS, IA	LINN	191130036	1	103	3	20	66.7	14	3	28	93.3	12.3	3	26	86.7	10.8	3	29	96.7	11.8	33
IOWA	CEDAR RAPIDS, IA	LINN	191130037	1	104	3	17	56.7	13.8	3	28	93.3	12	3	30	100	10.8	3	29	96.7	11.7	32
IOWA	NOT IN AN MSA	MUSCATINE	191300016	1	110	3	23	76.7	15	3	26	86.7	12.3	3	31	103.3	12.8	3	30	100	12.9	30
IOWA	DES MOINES, IA	POLK	191530059	2	12	.	.	0	0	.	0	0	0	.	.	0	0	1	.	11.1	11.1	22

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 smp	q1 pet	q1 mean	q2 smp	q2 pet	q2 mean	q3 smp	q3 pet	q3 mean	q4 smp	q4 pet	q4 mean	alt1 smp	alt1 pet	Alt Mean	p98	
IOWA	DES MOINES, IA	POLK	191532510	1	89	3	11	36.7	3	24	80	10.9	3	28	93.3	10.4	3	26	86.7	10.6	11.3	30
IOWA	DES MOINES, IA	POLK	191532520	1	94	3	15	50	3	26	86.7	11.2	3	25	83.3	10.8	3	28	93.3	10.7	11.7	30
IOWA	OMAHA, NE-IA	POTTAWATTAMI E	191550009	1	50			0			0	0	3	23	76.7	10.7	3	27	90	11.8	11.3	26
IOWA	DAVENPORT-MOLINE-R OCK ISLAND, IA-IL	SCOTT	191630015	2	111	3	20	66.7	14.3	3	30	100	13.1	3	31	103.3	13.5	3	30	100	11.7	30
IOWA	DAVENPORT-MOLINE-R OCK ISLAND, IA-IL	SCOTT	191630018	1	61			0			0	0	3	31	103.3	13.1	3	30	100	11.1	12.1	29
IOWA	NOT IN AN MSA	STORY	191692530	1	88	3	8	26.7	14.7	3	24	80	10.2	3	26	86.7	8.6	3	30	100	10.4	32
IOWA	SILOUX CITY, IA-NE	WOODBURY	191930017	1	110	3	20	66.7	12	3	30	100	8.7	3	30	100	9	3	30	100	10	25
KANSAS	KANSAS CITY, MO-KS	JOHNSON	200910007	1	89	3	10	33.3	16.4	3	22	73.3	10.4	3	27	90	14.2	3	30	100	11.3	29
KANSAS	KANSAS CITY, MO-KS	JOHNSON	200910007	2	51	6	10	66.7	16.9	6	13	86.7	11.9	6	14	93.3	12.3	6	14	93.3	11.1	27
KANSAS	KANSAS CITY, MO-KS	JOHNSON	200910008	1	98	3	23	76.7	15	3	22	73.3	10.2	3	25	83.3	13.3	3	28	93.3	10.9	29
KANSAS	KANSAS CITY, MO-KS	JOHNSON	200910009	1	105	3	24	80	13.9	3	22	73.3	8.9	3	29	96.7	12.6	3	30	100	10.8	25
KANSAS	NOT IN AN MSA	LINN	201070002	1	97	3	19	63.3	14.9	3	23	76.7	11.9	3	27	90	13.9	3	28	93.3	9.4	27
KANSAS	NOT IN AN MSA	LINN	201070002	2	44	6	8	53.3	13.6	6	12	80	9.9	6	11	73.3	14.4	6	13	86.7	9.5	25
KANSAS	WICHITA, KS	SEDGWICK	201730008	1	101	3	21	70	13.1	3	28	93.3	11.9	3	26	86.7	12.7	3	26	86.7	10.2	27
KANSAS	WICHITA, KS	SEDGWICK	201730009	1	101	3	20	66.7	12.8	3	27	90	12.5	3	28	93.3	12.3	3	26	86.7	9.9	25
KANSAS	WICHITA, KS	SEDGWICK	201730010	1	101	3	23	76.7	14.4	3	28	93.3	12.4	3	24	80	13.1	3	26	86.7	10.1	27
KANSAS	WICHITA, KS	SEDGWICK	201730010	2	43	6	11	73.3	14.5	6	12	80	10.1	6	7	46.7	13.6	6	13	86.7	10.9	22
KANSAS	TOPEKA, KS	SHAWNEE	201770010	1	102	3	20	66.7	16.4	3	26	86.7	11.1	3	29	96.7	11.6	3	27	90	10.2	26
KANSAS	TOPEKA, KS	SHAWNEE	201770011	1	105	3	20	66.7	16.3	3	27	90	11.2	3	29	96.7	12.3	3	29	96.7	10.1	25
KANSAS	TOPEKA, KS	SHAWNEE	201770012	1	58			0	0	3	4	13.3	15.1	3	25	83.3	13.3	3	29	96.7	10.8	25
KANSAS	NOT IN AN MSA	SUMNER	201910002	1	12			0	0			0	0		0	0	0	3	12	40	8.8	17
KANSAS	KANSAS CITY, MO-KS	WYANDOTTE	202090021	1	73			0	0	3	18	60	12.3	3	26	86.7	16	3	29	96.7	15	34
KANSAS	KANSAS CITY, MO-KS	WYANDOTTE	202090021	2	39			0	0	6	11	73.3	11.8	6	13	86.7	15.4	6	15	100	13.2	32
KANSAS	KANSAS CITY, MO-KS	WYANDOTTE	202090022	1	63			0	0	3	16	53.3	12.6	3	21	70	15.7	3	26	86.7	11.3	29
KENTUCKY	NOT IN AN MSA	BELL	210130002	1	16			0	0		0	0	0		5	33.3	16.4	6	11	73.3	16.2	32
KENTUCKY	HUNTINGTON-ASHLAN D, WV-KY-OH	BOYD	210190017	1	97	3	17	56.7	11.3	3	24	80	14.6	3	27	90	18	3	29	96.7	15.6	34
KENTUCKY	HUNTINGTON-ASHLAN D, WV-KY-OH	BOYD	210190017	2	10	6	9	60	14.4	6	1	6.7	6.9			0	0		0		10.7	25
KENTUCKY	LOUISVILLE, KY-IN	BULLITT	210290006	1	98	3	21	70	11	3	25	83.3	16.4	3	26	86.7	19.7	3	26	86.7	14.3	36
KENTUCKY	CINCINNATI, OH-KY-IN	CAMPBELL	210370003	1	104	3	19	63.3	13.2	3	29	96.7	16.2	3	31	103.3	19.1	3	25	83.3	13	33
KENTUCKY	HUNTINGTON-ASHLAN D, WV-KY-OH	CARTER	210430500	1	91	3	17	56.7	8.8	3	25	83.3	10.9	3	23	76.7	15.5	3	26	86.7	12.5	27
KENTUCKY	CLARKSVILLE-HOPKINS VILLE, TN-KY	CHRISTIAN	210470006	1	110	3	21	70	13	3	29	96.7	13.4	3	31	103.3	19.8	3	29	96.7	14.5	30
KENTUCKY	OWENSBORO, KY	DAVISS	210590014	1	100	3	17	56.7	13.6	3	25	83.3	14.3	3	28	93.3	20.4	3	30	100	13.2	34
KENTUCKY	OWENSBORO, KY	DAVISS	210590014	2	7	6	4	26.7	13.4	6	3	20	9.9			0	0		0	0	11.7	23
KENTUCKY	LEXINGTON, KY	FAYETTE	210670012	1	110	3	21	70	13.1	3	30	100	15.2	3	31	103.3	17.9	3	28	93.3	15.2	34
KENTUCKY	LEXINGTON, KY	FAYETTE	210670012	2	15	6	10	66.7	11.3	6	5	33.3	12			0	0		0	0	11.6	24

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 ppet	q1 mean	q2 sched	q2 samp	q2 ppet	q2 mean	q3 sched	q3 samp	q3 ppet	q3 mean	q4 sched	q4 samp	q4 ppet	q4 mean	alt4q	alt11 samp	all samp	a75pet	Ann Mean	p98
KENTUCKY	LEXINGTON, KY	FAYETTE	210670014	1	109	3	19	63.3	16.3	3	30	100	15.5	3	30	100	18.3	3	30	100	15.5			1		16.4	36
KENTUCKY	NOT IN AN MSA	FRANKLIN	210730006	1	106	3	20	66.7	12.1	3	27	90	13.6	3	29	96.7	18.2	3	30	100	12.5			1		14.1	30
KENTUCKY	NOT IN AN MSA	HARDIN	210930005	1	77	3	18	60	11.4	3	27	90	14.5	3	31	103.3	18.1	3	1	3.3	18		1		15.5	32	
KENTUCKY	EVANSVILLE-HENDERS ON, IN-KY	HENDERSON	211010006	1	68	6	6	40	12	3	14	46.7	15.1	3	27	90	20.9	3	21	70	13.2		1		15.3	39	
KENTUCKY	LOUISVILLE, KY-IN	JEFFERSON	211110043	1	329	1	71	78	13.6	1	89	97.8	18.7	1	90	98.9	21	1	79	86.8	16.6				1	17.5	40
KENTUCKY	LOUISVILLE, KY-IN	JEFFERSON	211110043	2	53	6	13	86.7	11.7	6	16	106.7	16.1	6	14	93.3	21.8	6	10	66.7	15.5		1		16.3	36	
KENTUCKY	LOUISVILLE, KY-IN	JEFFERSON	211110044	1	331	1	69	75.8	13.9	1	86	94.5	17.9	1	90	98.9	20.1	1	86	94.5	15.6				1	16.9	40
KENTUCKY	LOUISVILLE, KY-IN	JEFFERSON	211110048	1	96	3	23	76.7	14.6	3	24	80	17.6	3	27	90	21.1	3	22	73.3	15.3		1		17.2	40	
KENTUCKY	LOUISVILLE, KY-IN	JEFFERSON	211110051	1	54	6	14	93.3	11.8	6	12	80	16.4	6	15	100	20.7	6	13	86.7	11.9			1	15.2	33	
KENTUCKY	CINCINNATI, OH-KY-IN	KENTON	211170007	1	93	3	15	50	13.3	3	25	83.3	17	3	29	96.7	18.9	3	24	80	13.6		1		15.7	33	
KENTUCKY	NOT IN AN MSA	MC CRACKEN	211451004	1	99	3	20	66.7	13.5	3	24	80	15.6	3	27	90	19.7	3	28	93.3	14.1		1		15.7	35	
KENTUCKY	LEXINGTON, KY	MADISON	211510003	1	95	3	9	30	13.7	3	28	93.3	14.6	3	29	96.7	18.1	3	29	96.7	13		1		14.9	32	
KENTUCKY	NOT IN AN MSA	PIKE	211950002	1	107	3	17	56.7	13.6	3	29	96.7	17.2	3	31	103.3	18.6	3	30	100	21.5		1		17.7	70	
KENTUCKY	NOT IN AN MSA	PIKE	211950002	2	15	6	10	66.7	16.3	6	5	33.3	12.7			0	0			0	0	1			14.5	46	
KENTUCKY	NOT IN AN MSA	WARREN	212270007	1	107	3	19	63.3	12.3	3	27	90	18.4	3	31	103.3	20.4	3	30	100	13.3		1		16.1	37	
KENTUCKY	NOT IN AN MSA	WARREN	212270007	2	13	6	10	66.7	13.2	6	3	20	10.4			0	0			0	0	1			11.8	24	
LOUISIANA	SHREVEPORT-BOSSIER CITY, LA	CADDO	220171002	1	121	3	30	100	12.7	3	30	100	12.7	3	31	103.3	16.4	3	30	100	14.9				1	14.2	31
LOUISIANA	LAKE CHARLES, LA	CALCASIEU	220190009	1	47	6	9	60	11.7	6	12	80	11.5	6	13	86.7	14.2	6	13	86.7	12.9		1		12.6	31	
LOUISIANA	LAKE CHARLES, LA	CALCASIEU	220190010	1	115	3	25	83.3	10.9	3	29	96.7	11.7	3	31	103.3	14.3	3	30	100	15			1	13	35	
LOUISIANA	NOT IN AN MSA	CONCORDIA	220290002	1	54	6	13	86.7	11.3	6	15	100	12.5	6	12	80	16.7	6	14	93.3	14.7			1	13.8	31	
LOUISIANA	BATON ROUGE, LA	EAST BATON ROUGE	220330002	1	107	3	25	83.3	14.6	3	28	93.3	14.3	3	26	86.7	16.7	3	28	93.3	15.5			1	15.3	35	
LOUISIANA	BATON ROUGE, LA	EAST BATON ROUGE	220330009	1	355	1	87	95.6	14.2	1	89	97.8	14.6	1	91	100	15.6	1	88	96.7	16.1			1	15.1	32	
LOUISIANA	BATON ROUGE, LA	EAST BATON ROUGE	220331001	1	55	6	14	93.3	11.8	6	13	86.7	13.1	6	15	100	14.5	6	13	86.7	14.8			1	13.5	30	
LOUISIANA	NOT IN AN MSA	IBERVILLE	220470005	1	57	6	14	93.3	13.5	6	14	93.3	14.5	6	15	100	14.5	6	14	93.3	18.7			1	15.3	36	
LOUISIANA	NOT IN AN MSA	IBERVILLE	220470009	1	52	6	14	93.3	9.9	6	13	86.7	13	6	12	80	14.2	6	13	86.7	13.4			1	12.6	25	
LOUISIANA	NEW ORLEANS, LA	JEFFERSON	220511001	1	351	1	82	90.1	13	1	90	98.9	14.1	1	91	100	15.2	1	88	96.7	13			1	13.8	32	
LOUISIANA	NEW ORLEANS, LA	JEFFERSON	220512001	1	59	6	12	80	12.8	6	15	100	14.6	6	16	106.7	14.6	6	16	106.7	17			1	14.8	38	
LOUISIANA	LAFAYETTE, LA	LAFAYETTE	220550005	1	117	3	29	96.7	11.9	3	28	93.3	11.7	3	30	100	12.5	3	30	100	15.4			1	12.9	27	
LOUISIANA	NEW ORLEANS, LA	ORLEANS	220710010	1	120	3	29	96.7	13.7	3	28	93.3	13.7	3	33	110	16.3	3	30	100	16.6			1	15.1	37	
LOUISIANA	NEW ORLEANS, LA	ORLEANS	220710012	1	100	3	24	80	13.1	3	26	86.7	14.5	3	26	86.7	16.1	3	24	80	16.3			1	15	35	
LOUISIANA	MONROE, LA	OUACHITA	220730004	1	106	3	25	83.3	12.3	3	28	93.3	12	3	27	90	16.9	3	26	86.7	14.5			1	13.9	28	
LOUISIANA	ALEXANDRIA, LA	RAPIDES	220790001	1	55	6	14	93.3	13	6	14	93.3	11.9	6	12	80	15.6	6	15	100	16.7			1	14.3	31	
LOUISIANA	NOT IN AN MSA	TANGIPAHOA	221050001	1	57	6	13	86.7	10.9	6	14	93.3	14.6	6	14	93.3	15.2	6	16	106.7	14.8			1	13.9	29	
LOUISIANA	BATON ROUGE, LA	WEST BATON ROUGE	221210001	1	330	1	80	87.9	13.9	1	83	91.2	14.5	1	88	96.7	15.9	1	79	86.8	15.2			1	14.9	32	
MAINE	LEWISTON-AUBURN, ME	ANDROSCOGGIN	230010011	1	85	3	15	50	8.9	3	25	83.3	10	3	26	86.7	11.6	3	19	63.3	9.6			1	10	36	

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Arm Samp	q1 solved	q1 samp	q1pet mean	q2 solved	q2 samp	q2pet mean	q3 solved	q3 samp	q3pet mean	q4 solved	q4 samp	q4pet mean	alt1 samp	alt1 alt4q	alt4q mean	a75pet	Arm Mean	p98		
MAINE	NOT IN AN MSA	AROOSTOOK	230030013	1	109	3	21	70	13.2	3	29	96.7	9.4	3	30	100	10.1	3	29	96.7	9.7	1	10.6	24	
MAINE	NOT IN AN MSA	AROOSTOOK	230031011	1	111	3	20	66.7	9.2	3	30	100	7.8	3	31	103.3	8.5	3	30	100	6.9	1	8.1	22	
MAINE	PORTLAND, ME	CUMBERLAND	230050015	1	51	6	10	66.7	11.7	6	14	93.3	10.2	6	14	93.3	15	6	13	86.7	10.8	1	11.9	29	
MAINE	PORTLAND, ME	CUMBERLAND	230050027	1	93	3	17	56.7	7.2	3	23	76.7	10.4	3	29	96.7	12.6	3	24	80	9.7	1	10	34	
MAINE	PORTLAND, ME	CUMBERLAND	230052003	1	80	6	9	60	5	3	30	100	8.2	3	29	96.7	11.3	6	12	80	7	1	7.9	33	
MAINE	NOT IN AN MSA	HANCOCK	230090103	1	77	6	10	66.7	4.8	3	23	76.7	5.6	3	29	96.7	7.6	6	15	100	5.4	1	5.8	21	
MAINE	NOT IN AN MSA	KENNEBEC	230110016	1	53	6	8	53.3	8	6	15	100	8.7	6	15	100	12.3	6	15	100	9.3	1	9.6	26	
MAINE	NOT IN AN MSA	OXFORD	230172011	1	53	6	12	80	11.6	6	12	80	8.6	6	15	100	11.6	6	14	93.3	9.2	1	10.2	22	
MAINE	BANGOR, ME	PENOBSCOT	230190002	1	100	3	17	56.7	8.5	3	25	83.3	8.5	3	29	96.7	10.9	3	29	96.7	7.9	1	8.9	28	
MAINE	BANGOR, ME	PENOBSCOT	230194003	1	52	6	12	80	7.1	6	13	86.7	8.8	6	13	86.7	10.6	6	14	93.3	7.8	1	8.6	26	
MAINE	PORTLAND, ME	YORK	230310008	1	45	6	5	33.3	10.7	6	13	86.7	8.5	6	14	93.3	13.3	6	13	86.7	8.8	1	10.3	48	
MARYLAND	BALTIMORE, MD	ANNE ARUNDEL	240030014	1	42			0	0				0	0	3	18	60	17.3	3	24	80	10	1	13.6	33
MARYLAND	BALTIMORE, MD	ANNE ARUNDEL	240030019	1	30			0	0				0	0	3	14	46.7	19.2	3	16	53.3	11.5	1	15.4	36
MARYLAND	BALTIMORE, MD	ANNE ARUNDEL	240032002	1	21			0	0				0	0	3	8	26.7	14.4	3	13	43.3	16.3	1	15.3	33
MARYLAND	BALTIMORE, MD	BALTIMORE	240053001	1	28			0	0				0	0	3	13	43.3	17.9	3	15	50	16.5	1	17.2	38
MARYLAND	WILMINGTON-NEWARK, DE-MD	CECIL	240150003	1	6			0	0				0	0	3	6	20	9.7	1			9.7	16		
MARYLAND	BALTIMORE, MD	HARFORD	240251001	1	30			0	0				0	0	3	11	36.7	16.3	3	19	63.3	12.9	1	14.6	31
MARYLAND	WASHINGTON, DC-MD-VA-WV	MONTGOMERY	240313001	1	40			0	0				0	0	3	20	66.7	15.7	3	20	66.7	11.8	1	13.8	30
MARYLAND	WASHINGTON, DC-MD-VA-WV	PRINCE GEORGES	240330001	1	34			0	0				0	0	3	18	60	20.4	3	16	53.3	18.3	1	19.3	37
MARYLAND	WASHINGTON, DC-MD-VA-WV	PRINCE GEORGES	240338001	1	36			0	0				0	0	3	16	53.3	18.5	3	20	66.7	12.6	1	15.6	37
MARYLAND	HAGERSTOWN, MD	WASHINGTON	240430009	1	5			0	0				0	0	3	5	16.7	10.8	1			10.8	14		
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100006	1	38			0	0				0	0	3	20	66.7	19.3	3	18	60	15.6	1	17.4	38
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100007	1	20			0	0				0	0	3	11	36.7	19	3	9	30	15.2	1	17.1	32
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100035	1	12			0	0				0	0	3	12	40	17.1	1			17.1	40		
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100035	2	3			0	0				0	0	3	3	10	19.3	1			19.3	29		
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100040	1	37			0	0	6	1	6.7	19.2	3	18	60	19.7	3	18	60	16.5	1	18.5	41	
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100049	1	24			0	0				0	0	3	21	70	20.2	3	3	10	19	1	19.6	37
MARYLAND	BALTIMORE, MD	BALTIMORE (CITY)	245100052	1	43			0	0	6	3	20	19.6	3	20	66.7	19.3	3	20	66.7	16.3	1	18.4	38	
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	ALLEGAN	260050003	1	326	1	69	75.8	11.5	1	76	83.5	13.6	1	91	100	12.5	1	90	98.9	11	1	12.2	35	
MICHIGAN	BENTON HARBOR, MI	BERRIEN	260210014	1	116	3	27	90	12.3	3	30	100	12.6	3	30	100	13.7	3	29	96.7	10.4	1	12.3	35	

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pcp	q1 mean	q2 sched	q2 samp	q2 pcp	q2 mean	q3 sched	q3 samp	q3 pcp	q3 mean	q4 sched	q4 samp	q4 pcp	q4 mean	alt4q	alt11 samp	alt75pct	Ann Mean	p98
MICHIGAN	FLINT, MI	GENESEE	260400021	1	101	3	21	70	11	3	24	80	11.9	3	31	103.3	13.2	3	25	83.3	12		1		12	33
MICHIGAN	NOT IN AN MSA	GRAND TRAVERSE	260550003	1	6			0	0			0	0				0	3	6	20	6.7	1			6.7	12
MICHIGAN	LANSING-EAST LANSING, MI	INGHAM	260650012	1	102	1	25	27.5	11.1	3	19	63.3	13.7	3	28	93.3	13.8	3	30	100	11.8		1		12.6	35
MICHIGAN	LANSING-EAST LANSING, MI	INGHAM	260650012	2	124	1	45	49.5	11.8	3	24	80	13.3	3	26	86.7	14.2	3	29	96.7	12.1		1		12.9	37
MICHIGAN	KALAMAZOO-BATTLE CREEK, MI	KALAMAZOO	260700008	1	93	3	23	76.7	16	3	21	70	14.5	3	20	66.7	14.7	3	29	96.7	14.3		1		14.9	38
MICHIGAN	KALAMAZOO-BATTLE CREEK, MI	KALAMAZOO	260700008	2	98	3	16	53.3	15.6	3	26	86.7	14.1	3	27	90	15.1	3	29	96.7	14		1		14.7	39
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	KENT	260810020	1	343	1	83	91.2	14.3	1	87	95.6	13.6	1	86	94.5	14	1	87	95.6	13.5			1	13.8	37
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	KENT	260810020	2	65	3	25	83.3	16.5	6	10	66.7	8.8	6	15	100	16.4	6	15	100	13.8	1			13.9	39
MICHIGAN	DETROIT, MI	MACOMB	260990009	1	105	3	25	83.3	11.9	3	22	73.3	13.6	3	31	103.3	14	3	27	90	11.5		1		12.7	32
MICHIGAN	DETROIT, MI	MONROE	261150005	1	5			0	0			0	0			0	0	3	5	16.7	12.6	1			12.6	18
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	MUSKEGON	261210040	1	140	1	67	73.6	11.3	3	29	96.7	13.1	3	20	66.7	13.1	3	24	80	11.4		1		12.2	38
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	MUSKEGON	261210040	2	54	3	17	56.7	11.8	6	13	86.7	15.2	6	10	66.7	19.1	6	14	93.3	11.9	1			14.5	39
MICHIGAN	DETROIT, MI	OAKLAND	261250001	1	94	3	25	83.3	13.8	3	18	60	14.8	3	25	83.3	14.6	3	26	86.7	13.3		1		14.2	43
MICHIGAN	GRAND RAPIDS-MUSKEGON-HO LLAND, MI	OTTAWA	261390005	1	116	3	28	93.3	14.1	3	30	100	12.4	3	29	96.7	13.5	3	29	96.7	11.7			1	12.9	39
MICHIGAN	SAGINAW-BAY CITY-MIDLAND, MI	SAGINAW	261450018	1	74	3	9	30	8.1	3	20	66.7	10.9	3	27	90	11.4	3	18	60	8.8		1		9.8	31
MICHIGAN	SAGINAW-BAY CITY-MIDLAND, MI	SAGINAW	261450018	2	70	3	12	40	8.9	3	22	73.3	10.9	3	21	70	12.3	3	15	50	9.7		1		10.4	34
MICHIGAN	DETROIT, MI	ST CLAIR	261470005	1	104	3	24	80	12.4	3	25	83.3	13.5	3	28	93.3	15.1	3	27	90	11.9			1	13.2	44
MICHIGAN	ANN ARBOR, MI	WASHTENAW	261610005	1	58			0	0	6	2	13.3	10.5	3	29	96.7	14.9	3	27	90	13	1			12.8	38
MICHIGAN	ANN ARBOR, MI	WASHTENAW	261610008	1	46			0	0			0	0	3	18	60	14.7	3	28	93.3	13.7	1			14.2	41
MICHIGAN	DETROIT, MI	WAYNE	261630001	1	209			0	0	1	48	52.7	19	1	78	85.7	16.6	1	83	91.2	14.4	1			16.7	44
MICHIGAN	DETROIT, MI	WAYNE	261630001	2	31			0	0	6	6	40	26.1	6	13	86.7	18.2	6	12	80	14.5	1			19.6	44
MICHIGAN	DETROIT, MI	WAYNE	261630015	1	86	3	9	30	19.1	3	27	90	16.5	3	25	83.3	18.5	3	25	83.3	16.5	1			17.7	50
MICHIGAN	DETROIT, MI	WAYNE	261630016	1	189			0	0	1	28	30.8	19.3	1	79	86.8	15.8	1	82	90.1	16.2	1			17.1	45
MICHIGAN	DETROIT, MI	WAYNE	261630025	1	34			0	0			0	0	3	15	50	15.2	3	19	63.3	10.9	1			13.1	38
MICHIGAN	DETROIT, MI	WAYNE	261630033	1	92	3	9	30	14.7	3	26	86.7	16.7	3	28	93.3	18.3	3	29	96.7	18.2		1		17	45
MICHIGAN	DETROIT, MI	WAYNE	261630036	1	72	3	8	26.7	17.1	3	17	56.7	14.5	3	26	86.7	18.9	3	21	70	14.7		1		16.3	45
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	DAKOTA	270376018	1	27			0	0	6	10	66.7	9	6	9	60	9.5	6	8	53.3	8.1	1			8.9	23

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt1 samp	alt1 pet	Ann Mean	p98
MINNESOTA	NOT IN AN MSA	FREEBORN	270475401	1	9			0	0	0		0	0	0		0	0	6	9	60	11.4	1		11.4	24
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	HENNEPIN	270530960	1	99			0	0	1	39	42.9	11.6	1	29	31.9	8.6	1	31	34.1	10.2	1		10.1	29
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	HENNEPIN	270530961	1	33			0	0	6	11	73.3	7.1	6	11	73.3	8.9	6	11	73.3	10.9	1		9	27
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	HENNEPIN	270531007	1	23			0	0	6	11	73.3	9	6	6	40	6.1	6	6	40	14.2	1		9.8	21
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	HENNEPIN	270532006	1	30			0	0	6	10	66.7	9.3	6	12	80	8.3	6	8	53.3	12.2	1		9.9	28
MINNESOTA	NOT IN AN MSA	LAKE	270757608	1	7			0	0			0	0			0	0	6	7	46.7	11.3	1		11.3	21
MINNESOTA	NOT IN AN MSA	MC LEOD	270854301	1	5			0	0			0	0			0	0	6	5	33.3	14.4	1		14.4	25
MINNESOTA	NOT IN AN MSA	OTTER TAIL	271112012	1	8			0	0			0	0			0	0	6	8	53.3	10.1	1		10.1	27
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230021	1	80			0	0	1	42	46.2	11.9	2	9	20	7.9	1	29	31.9	11.8	1		10.5	32
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230866	1	22			0	0	6	9	60	11.2	6	2	13.3	6.6	6	11	73.3	12.8	1		10.2	26
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230866	2	13			0	0			0	0		6	40	9.5	6	7	46.7	14.3	1		11.9	30
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230868	1	39	6	1	6.7	18.3	6	12	80	10.3	6	13	86.7	10.4	6	13	86.7	13.1	1		13	29
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230868	2	15			0	0			0	0		6	40	7.1	6	9	60	14.7	1		10.9	30
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230871	1	32			0	0	6	11	73.3	10.2	6	12	80	9.6	6	9	60	10.1	1		10	25
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230872	1	37			0	0	6	14	93.3	9.2	6	11	73.3	9.8	6	12	80	11.7	1		10.2	28
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	RAMSEY	271230873	1	94			0	0	1	44	48.4	10.4	1	22	24.2	8.4	1	28	30.8	9.9	1		9.6	34
MINNESOTA	DULUTH-SUPERIOR, MN-WI	ST LOUIS	271377001	1	18			0	0	6	5	33.3	8.2	6	6	40	7.9	6	7	46.7	8.7	1		8.3	21
MINNESOTA	DULUTH-SUPERIOR, MN-WI	ST LOUIS	271377550	1	16			0	0	6	3	20	7.9	6	6	40	6.8	6	7	46.7	9.5	1		8.1	20
MINNESOTA	DULUTH-SUPERIOR, MN-WI	ST LOUIS	271377550	2	18			0	0	6	1	6.7	4.4	6	8	53.3	6.3	6	9	60	9.8	1		6.8	20
MINNESOTA	ST. CLOUD, MN	STEARNS	271453052	1	1			0	0			0	0			0	0	6	1	6.7	3.7	1		3.7	4
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	WASHINGTON	271630301	1	4			0	0			0	0			0	0	6	4	26.7	16.9	1		16.9	24
MINNESOTA	MINNEAPOLIS-ST. PAUL, MN-WI	WRIGHT	271713201	1	2			0	0			0	0			0	0	6	2	13.3	20.8	1		20.8	28
MISSISSIPPI	NOT IN AN MSA	ADAMS	280010004	1	49	6	2	13.3	10	6	2	13.3	14	3	15	50	20.2	3	30	100	14.8	1		14.7	41
MISSISSIPPI	NOT IN AN MSA	BOLIVAR	280110001	1	55			0	0	3	13	43.3	15.7	3	14	46.7	16.4	3	28	93.3	14.6	1		15.6	31
MISSISSIPPI	MEMPHIS, TN-AR-MS	DE SOTO	280330002	1	50	3	11	36.7	13.5	3	3	10	13.8	3	8	26.7	16	3	28	93.3	13.4	1		14.2	28
MISSISSIPPI	HATTIESBURG, MS	FORREST	280350004	1	51	3	4	13.3	14.2	3	7	23.3	13.6	3	10	33.3	22.5	3	30	100	16.8	1		16.8	33
MISSISSIPPI	BILOXI-GULFPORT-PAS CAGOLA, MS	HANCOCK	280450001	1	59	3	11	36.7	11.9	3	9	30	10.7	3	10	33.3	17.4	3	29	96.7	13.9	1		13.5	28

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 ptet	q1 mean	q2 sched	q2 samp	q2 ptet	q2 mean	q3 sched	q3 samp	q3 ptet	q3 mean	q4 sched	q4 samp	q4 ptet	q4 mean	alt4q	alt11 samp	alt11 smp	a75pt	Ann Mean	p98	
MISSISSIPPI	BILOXI-GULFPORT-PAS CAGOLA, MS	HARRISON	280470008	1	72				0	0	3	28	93.3	13.8	3	17	56.7	16.2	3	27	90	13.5	1				14.5	34
MISSISSIPPI	JACKSON, MS	HINDS	280490010	1	52	3	11	36.7	14.2				0	0	3	12	40	20.2	3	29	96.7	17.1	1				17.1	34
MISSISSIPPI	JACKSON, MS	HINDS	280490018	1	49	3	11	36.7	12.9				0	0	3	12	40	21.4	3	26	86.7	17.1	1				17.1	45
MISSISSIPPI	BILOXI-GULFPORT-PAS CAGOLA, MS	JACKSON	280590006	1	60	3	11	36.7	13	3	9	30	12.1	3	10	33.3	19.4	3	30	100	16.1		1				15.1	32
MISSISSIPPI	NOT IN AN MSA	JONES	280670002	1	50	3	4	13.3	13.8	3	9	30	16.5	3	9	30	22.8	3	28	93.3	19.4		1				18.2	50
MISSISSIPPI	NOT IN AN MSA	LAUDERDALE	280750003	1	43				0	0			0	0	3	15	50	20.2	3	28	93.3	18.5	1				19.4	45
MISSISSIPPI	NOT IN AN MSA	LEE	280810005	1	50	3	11	36.7	12.4	3	3	10	13	3	8	26.7	15.4	3	28	93.3	14.4		1				13.8	28
MISSISSIPPI	NOT IN AN MSA	LOWNDES	280870001	1	45	3	4	13.3	12.2	3	3	10	10.6	3	8	26.7	17	3	30	100	15.9		1				13.9	37
MISSISSIPPI	JACKSON, MS	RANKIN	281210001	1	48	3	4	13.3	12.3				0	0	3	15	50	20.2	3	29	96.7	17.6	1				16.7	46
MISSISSIPPI	NOT IN AN MSA	SCOTT	281230001	1	33				0	0			0	0	3	5	16.7	15.7	3	28	93.3	14.6	1				15.2	30
MISSISSIPPI	NOT IN AN MSA	WARREN	281490004	1	48	6	3	20	11.7	6	2	13.3	11.5	3	15	50	20.7	3	28	93.3	15.3		1				14.8	44
MISSOURI	ST. JOSEPH, MO	BUCHANAN	290210010	1	112	3	24	80	14	3	28	93.3	10.3	3	30	100	13.4	3	30	100	12.5						12.5	28
MISSOURI	NOT IN AN MSA	CEDAR	290390001	1	109	3	28	93.3	12.1	3	26	86.7	9.1	3	28	93.3	14.1	3	27	90	9.7						11.2	25
MISSOURI	KANSAS CITY, MO-KS	CLAY	290470005	1	104	3	22	73.3	12.3	3	27	90	9.2	3	26	86.7	13.1	3	29	96.7	10.6		1				11.3	27
MISSOURI	KANSAS CITY, MO-KS	CLAY	290470026	1	315	1	61	67	12.4	1	83	91.2	10.8	1	86	94.5	13.7	1	85	93.4	12.2						12.3	29
MISSOURI	KANSAS CITY, MO-KS	CLAY	290470041	1	314	1	74	81.3	12.4	1	66	72.5	10.2	1	89	97.8	12.8	1	85	93.4	11.1		1				11.6	28
MISSOURI	SPRINGFIELD, MO	GREENE	290770032	1	121	3	30	100	13.4	3	30	100	9.5	3	31	103.3	15.5	3	30	100	10.5						12.2	30
MISSOURI	NOT IN AN MSA	HOWELL	290910003	1	109	3	27	90	12.4	3	28	93.3	11.2	3	27	90	17.1	3	27	90	11.7						13.1	34
MISSOURI	KANSAS CITY, MO-KS	JACKSON	290950036	1	115	3	27	90	10.9	3	28	93.3	8.8	3	30	100	13.3	3	30	100	10.6						10.9	27
MISSOURI	KANSAS CITY, MO-KS	JACKSON	290950002	1	115	3	24	80	15.5	3	30	100	11.3	3	31	103.3	15.3	3	30	100	14.2						14.1	30
MISSOURI	JOPLIN, MO	JASPER	290970003	1	101	3	24	80	15.2	3	28	93.3	10.2	3	26	86.7	15.6	3	23	76.7	11.7						13.2	27
MISSOURI	ST. LOUIS, MO-IL	JEFFERSON	290990012	1	109	3	25	83.3	15.6	3	25	83.3	12.8	3	30	100	18.7	3	29	96.7	13.1						15.1	42
MISSOURI	NOT IN AN MSA	MONROE	291370001	1	101	3	15	50	10.1	3	25	83.3	9.9	3	31	103.3	13.7	3	30	100	9.9						10.9	33
MISSOURI	ST. LOUIS, MO-IL	ST CHARLES	291831002	1	110	3	25	83.3	12.9	3	25	83.3	13	3	31	103.3	17.5	3	29	96.7	13						14.1	38
MISSOURI	NOT IN AN MSA	STE GENEVIEVE	291860006	1	110	3	26	86.7	11.7	3	26	86.7	11.9	3	28	93.3	18.8	3	30	100	12.7						13.7	37
MISSOURI	ST. LOUIS, MO-IL	ST LOUIS	291892003	1	107	3	19	63.3	15.4	3	29	96.7	13.8	3	29	96.7	17.1	3	30	100	14.7						15.3	31
MISSOURI	ST. LOUIS, MO-IL	ST LOUIS	291895001	1	111	3	26	86.7	14.4	3	27	90	12.7	3	28	93.3	18.1	3	30	100	13.3						14.6	42
MISSOURI	ST. LOUIS, MO-IL	ST LOUIS (CITY)	295100085	1	265				0	0	1	85	93.4	16	1	89	97.8	19.7	1	91	100	16.2	1				17.3	45
MISSOURI	ST. LOUIS, MO-IL	ST LOUIS (CITY)	295100086	1	342	1	77	84.6	14	1	89	97.8	14.2	1	90	98.9	17.8	1	86	94.5	14.3						15.1	42
MISSOURI	ST. LOUIS, MO-IL	ST LOUIS (CITY)	295100087	1	55				0	0			0	0		0	0	1	55	60.4	15.8	1					15.8	29
MONTANA	NOT IN AN MSA	FLATHEAD	300290039	1	91	3	12	40	11.4	3	29	96.7	7.2	3	22	73.3	7.1	3	28	93.3	16.5		1				10.5	27
MONTANA	NOT IN AN MSA	FLATHEAD	300290043	1	50	3	22	73.3	11	3	28	93.3	7.5			0	0			0	0						9.2	24
MONTANA	NOT IN AN MSA	FLATHEAD	300290047	1	54				0	0	3	2	6.7	3.4	3	23	76.7	6.4	3	29	96.7	10.2	1				6.7	20
MONTANA	NOT IN AN MSA	LEWIS AND CLARK	300490018	1	101	3	22	73.3	7.4	3	26	86.7	4.3	3	25	83.3	5.5	3	28	93.3	8						6.3	20
MONTANA	NOT IN AN MSA	LINCOLN	300530018	1	87	3	15	50	26.8	3	21	70	8.2	3	23	76.7	7.6		3	28	93.3	20.9					15.9	52
MONTANA	NOT IN AN MSA	MISSOULA	300630024	1	103	3	19	63.3	10.1	3	30	100	5.8	3	26	86.7	7	3	28	93.3	12.9						9	24
MONTANA	NOT IN AN MSA	MISSOULA	300630031	1	90	3	18	60	9.2	3	26	86.7	6.4	3	17	56.7	7.7	3	29	96.7	16.1						9.8	29

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt4q	alt11 samp	a75pet	Ann Mean	p98	
MONTANA	NOT IN AN MSA	SILVER BOW	300930005	1	100	3	14	46.7	9.9	3	30	100	4.2	3	28	93.3	5.8	3	28	93.3	9.4						
MONTANA	BILLINGS, MT	YELLOWSTONE	301111065	1	108	3	23	76.7	11.4	3	26	86.7	4.8	3	29	96.7	7.3	3	30	100	8.3			1	7.3	35	
NEBRASKA	OMAHA, NE-IA	CASS	310250002	1	81	3	10	33.3	14.1	3	27	90	9.4	3	18	60	10.4	3	26	86.7	11.6				1	8	17
NEBRASKA	NOT IN AN MSA	CEDAR	310270001	1	4			0	0			0	0	3	4	13.3	7			0	0	1				11.4	25
NEBRASKA	NOT IN AN MSA	CHERRY	310310001	1	44			0	0			0	0	3	18	60	4.7	3	26	86.7	5.6	1			7	8	
NEBRASKA	NOT IN AN MSA	DEUEL	310490001	1	43			0	0			0	0	3	20	66.7	5.7	3	23	76.7	3.3	1			5.2	12	
NEBRASKA	OMAHA, NE-IA	DOUGLAS	310550019	1	96	1	5	5.5	15	1	17	18.7	8.1	1	32	35.2	10.9	1	42	46.2	11.8	1			4.5	14	
NEBRASKA	OMAHA, NE-IA	DOUGLAS	310550019	2	6			0	0			0	0	6	6	40	6.8			0	0	1			11.5	27	
NEBRASKA	OMAHA, NE-IA	DOUGLAS	310550051	1	45	3	5	16.7	9.1	3	6	20	4.3	3	13	43.3	10.2	3	21	70	12.2				6.8	20	
NEBRASKA	OMAHA, NE-IA	DOUGLAS	310550052	1	45			0	0			0	0	1	33	36.3	8	6	12	80	10.5	1			8.9	26	
NEBRASKA	OMAHA, NE-IA	DOUGLAS	310550052	2	10	1	4	4.4	10.3	6	1	6.7	10.8	6	5	33.3	8.4			0	0	1			9.3	24	
NEBRASKA	NOT IN AN MSA	HALL	310790003	1	73	3	6	20	30	3	23	76.7	11	3	19	63.3	6.9	3	25	83.3	7.7	1			9.8	19	
NEBRASKA	LINCOLN, NE	LANCASTER	311090022	1	109	3	28	93.3	12.9	3	27	90	9.2	3	27	90	9.8	3	27	90	10.6				13.9	34	
NEBRASKA	LINCOLN, NE	LANCASTER	311090022	2	51	6	13	86.7	20.2	6	14	93.3	6.1	6	13	86.7	9.7	6	11	73.3	10.2			1	10.6	25	
NEBRASKA	NOT IN AN MSA	LINCOLN	311111002	1	83	6	3	20	8.2	3	21	70	7	3	29	96.7	7.6	3	30	100	7.2				11.6	32	
NEBRASKA	OMAHA, NE-IA	SARPY	311530007	1	75	3	6	20	13.3	3	17	56.7	10.3	3	26	86.7	9.7	3	26	86.7	10.6	1			7.5	18	
NEBRASKA	OMAHA, NE-IA	SARPY	311530007	2	44	6	5	33.3	12.7	6	12	80	6.2	6	14	93.3	11.4	6	13	86.7	7.5	1			9.4	25	
NEBRASKA	NOT IN AN MSA	SCOTT'S BLUFF	311570003	1	73	6	3	20	12.1	3	20	66.7	5.9	3	23	76.7	6.6	3	27	90	8	1			8.2	23	
NEBRASKA	OMAHA, NE-IA	WASHINGTON	311770002	1	63			0	0	3	15	50	9.1	3	20	66.7	8.7	3	28	93.3	9.2	1			9	25	
NEVADA	LAS VEGAS, NV-AZ	CLARK	320030022	1	118	3	28	93.3	4.6	3	30	100	5.4	3	30	100	5.1	3	30	100	3.7			1	4.7	9	
NEVADA	LAS VEGAS, NV-AZ	CLARK	320030560	1	290	1	40	44	10.3	1	73	80.2	8.2	1	88	96.7	9	1	89	97.8	17.3			1	11.2	34	
NEVADA	LAS VEGAS, NV-AZ	CLARK	320031019	1	87	3	25	83.3	4.3	3	9	30	5.6	3	27	90	5	3	26	86.7	3.8	1			4.7	10	
NEVADA	LAS VEGAS, NV-AZ	CLARK	320032002	1	77	3	24	80	11.3	3	3	10	5.3	3	24	80	8.6	3	26	86.7	13.2	1			9.6	30	
NEVADA	NOT IN AN MSA	DOUGLAS	320050008	1	3			0	0			0	0	0					3	10	3	1			3	6	
NEVADA	RENO, NV	WASHOE	320310016	1	117	3	29	96.7	9.7	3	30	100	6.1	3	28	93.3	9.8	3	30	100	14.2			1	9.9	33	
NEVADA	RENO, NV	WASHOE	320310016	2	62	6	15	100	10.2	6	15	100	6.7	6	16	106.7	9.1	6	16	106.7	13.2			1	9.8	24	
NEVADA	RENO, NV	WASHOE	320312002	1	42			0	0	3	7	23.3	5.1	3	27	90	7	3	8	26.7	7.6	1			6.6	22	
NEW JERSEY	BERGEN-PASSAIC, NJ	BERGEN	340030003	1	104	3	16	53.3	10.4	3	29	96.7	13.9	3	31	103.3	15.4	3	28	93.3	13.8				13.4	36	
NEW JERSEY	PHILADELPHIA, PA-NJ	CAMDEN	340070003	1	94	3	10	33.3	9.3	3	30	100	12.1	3	29	96.7	15.6	3	25	83.3	14.5	1			12.9	36	
NEW JERSEY	PHILADELPHIA, PA-NJ	CAMDEN	340070003	2	48	6	8	53.3	14.1	6	15	100	10.5	6	13	86.7	17.5	6	12	80	13.6	1			13.9	40	
NEW JERSEY	PHILADELPHIA, PA-NJ	CAMDEN	340071007	1	97	3	15	50	11.6	3	27	90	12.8	3	30	100	15.5	3	25	83.3	14			1	13.5	36	
NEW JERSEY	NEWARK, NJ	ESSEX	340130011	1	71	3	14	46.7	10.9	3	23	76.7	15.4	3	24	80	18.4	3	10	33.3	17.2	1			15.5	41	
NEW JERSEY	NEWARK, NJ	ESSEX	340130015	1	66			0	0	3	18	60	16.8	3	27	90	16.6	3	21	70	16.5	1			16.6	44	
NEW JERSEY	PHILADELPHIA, PA-NJ	GLOUCESTER	340155001	1	28			0	0			0	0	0				3	28	93.3	12.3	1			12.3	25	
NEW JERSEY	JERSEY CITY, NJ	HUDSON	340171003	1	89	3	11	36.7	10.4	3	25	83.3	13.8	3	24	80	16	3	29	96.7	17.5				14.4	46	
NEW JERSEY	JERSEY CITY, NJ	HUDSON	340172002	1	36			0	0			0	0	3	18	60	15.7	3	18	60	20.9	1			18.3	50	
NEW JERSEY	TRENTON, NJ	MERCER	340210008	1	102	3	12	40	9.2	3	30	100	11.6	3	30	100	15	3	30	100	13.6			1	12.4	32	
NEW JERSEY	TRENTON, NJ	MERCER	340218001	1	98	3	14	46.7	8.5	3	29	96.7	10.7	3	28	93.3	13.9	3	27	90	10.7			1	11	33	
NEW JERSEY	MIDDLESEX-SOMERSET	MIDDLESEX	340230006	1	94	3	13	43.3	8.7	3	28	93.3	10.4	3	30	100	13.8	3	23	76.7	10.4			1	10.9	35	
NEW JERSEY	-HUNTERDON, NJ																										

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 mean	q2 sched	q2 samp	q2 mean	q3 sched	q3 samp	q3 mean	q4 sched	q4 samp	q4 mean	alt1 samp	alt1 alt4	a75pt samp	Ann Mean	p98
NEW JERSEY	NEWARK, NJ	MORRIS	340270004	1	69			0	0	3	11	36.7	18.1	3	30	100	14.7				14.7	35
NEW JERSEY	NEWARK, NJ	MORRIS	340273001	1	95	3	14	46.7	6.2	3	26	86.7	10.6	3	27	90	13.4				10	30
NEW JERSEY	MONMOUTH-OCEAN, NJ	OCEAN	340292002	1	75	3	11	36.7	8.2	3	19	63.3	10.8	3	24	80	14.2				10.4	37
NEW JERSEY	BERGEN-PASSAIC, NJ	PASSAIC	340310005	1	91	3	14	46.7	7.5	3	26	86.7	11.9	3	26	86.7	15.5				12.4	41
NEW JERSEY	NEWARK, NJ	UNION	340390004	1	99	3	12	40	9.5	3	28	93.3	15.3	3	30	100	16.7				17.7	41
NEW JERSEY	NEWARK, NJ	UNION	340390004	2	44	6	9	60	15.4	6	5	33.3	16.1	6	15	100	22.2				17.7	49
NEW JERSEY	NEWARK, NJ	UNION	340390006	1	94	3	14	46.7	8.9	3	30	100	13.7	3	30	100	14.9				13.5	40
NEW JERSEY	NEWARK, NJ	UNION	340392003	1	5			0	0						3	5	16.7				15.2	17
NEW JERSEY	NEWARK, NJ	WARREN	340410006	1	10			0	0						3	10	33.3				10.4	20
NEW MEXICO	ALBUQUERQUE, NM	BERNALILLO	350010023	1	200	1	24	26.4	6.8	1	3	3.3	6.8	1	83	91.2	5				7	25
NEW MEXICO	ALBUQUERQUE, NM	BERNALILLO	350010024	1	226	1	44	48.4	5.6	1	13	14.3	6.5	1	85	93.4	4.6				9.3	15
NEW MEXICO	NOT IN AN MSA	CHAVES	350050005	1	105	3	13	43.3	8.1	3	28	93.3	6.8	3	33	110	6.8				6.3	12
NEW MEXICO	LAS CRUCES, NM	DONA ANA	350130017	1	119	3	18	60	11.5	3	31	103.3	9.1	3	36	120	7.3				11.2	27
NEW MEXICO	LAS CRUCES, NM	DONA ANA	350131006	1	118	3	22	73.3	6.7	3	29	96.7	6.1	3	33	110	5.8				6.6	14
NEW MEXICO	NOT IN AN MSA	GRANT	350171002	1	108	3	20	66.7	5.5	3	26	86.7	4.6	3	31	103.3	5.2				5.6	11
NEW MEXICO	NOT IN AN MSA	LEA	350250007	1	108	3	19	63.3	5.7	3	27	90	7.9	3	31	103.3	8.5				7.2	14
NEW MEXICO	ALBUQUERQUE, NM	SANDOVAL	350431003	1	114	3	20	66.7	5.9	3	29	96.7	4.9	3	33	110	4.5				5.2	9
NEW MEXICO	NOT IN AN MSA	SAN JUAN	350450006	1	104	3	21	70	6.5	3	33	110	4.6	3	39	63.3	4.4				5.8	11
NEW MEXICO	SANTA FE, NM	SANTA FE	350490020	1	120	3	26	86.7	5	3	29	96.7	4.2	3	30	100	4.6				4.9	11
NEW YORK	ALBANY-SCHENECTAD Y-TROY, NY	ALBANY	360010005	1	38			0	0						3	14	46.7	15.1			12.8	49
NEW YORK	ALBANY-SCHENECTAD Y-TROY, NY	ALBANY	360010005	2	16			0	0						3	8	26.7	12.5			13.3	20
NEW YORK	ALBANY-SCHENECTAD Y-TROY, NY	ALBANY	360010012	1	28			0	0						3	22	73.3	7.3			11.6	50
NEW YORK	NEW YORK, NY	BRONX	360050073	1	11			0	0								0				20.8	39
NEW YORK	NEW YORK, NY	BRONX	360050073	2	4			0	0								0				15.7	27
NEW YORK	NEW YORK, NY	BRONX	360050080	1	32			0	0								18	60			17.2	45
NEW YORK	NEW YORK, NY	BRONX	360050083	1	30			0	0								22	73.3			13.7	35
NEW YORK	NEW YORK, NY	BRONX	360050110	1	67			0	0								66	72.5			9	34
NEW YORK	NEW YORK, NY	BRONX	360050110	2	21			0	0								18	60			13.8	44
NEW YORK	JAMESTOWN, NY	CHAUTAUQUA	360130011	1	40			0	0								23	76.7			11.8	29
NEW YORK	DUTCHESS COUNTY, NY	DUTCHESS	360271004	1	42			0	0								22	73.3			12.7	46
NEW YORK	BUFFALO-NIAGARA FALLS, NY	ERIE	360290002	1	48			0	0								25	83.3			12.6	44
NEW YORK	BUFFALO-NIAGARA FALLS, NY	ERIE	360290005	1	46			0	0								25	83.3			15	47
NEW YORK	BUFFALO-NIAGARA FALLS, NY	ERIE	360291007	1	5			0	0								5	16.7			11.2	14
NEW YORK	NOT IN AN MSA	ESSEX	360310003	1	104			0	0								1	60			6.9	20
NEW YORK	NEW YORK, NY	KINGS	360470011	1	31			0	0								22	73.3			14.9	43

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am. Samp	q1 sched	q1 samp	q1 pet samp	q2 sched	q2 samp	q2 pet samp	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt4q	alt11 samp	alt75pet	Am Mean	p98
NEW YORK	NEW YORK, NY	KINGS	360470011	2	1			0	0			0	0	6	1	6.7	23.9		0	0	1			23.9	24
NEW YORK	NEW YORK, NY	KINGS	360470076	1	29			0	0			0	0	3	12	40	14.2	3	17	56.7	13			13.6	38
NEW YORK	ROCHESTER, NY	MONROE	360556001	1	31			0	0			0	0	3	9	30	12.9	3	22	73.3	8.5	1		10.7	28
NEW YORK	ROCHESTER, NY	MONROE	360556001	2	30			0	0			0	0	3	9	30	14.7	3	21	70	8.4	1		11.5	28
NEW YORK	NASSAU-SUFFOLK, NY	NASSAU	360590005	1	44			0	0			0	0	3	19	63.3	13.6	3	25	83.3	13.3	1		13.5	34
NEW YORK	NASSAU-SUFFOLK, NY	NASSAU	360590008	1	36			0	0			0	0	3	13	43.3	10.5	3	23	76.7	11.9	1		11.2	33
NEW YORK	NASSAU-SUFFOLK, NY	NASSAU	360590011	1	40			0	0			0	0	3	20	66.7	14.9	3	20	66.7	13.2	1		14	40
NEW YORK	NEW YORK, NY	NEW YORK	360610010	1	100			0	0			0	0	1	45	49.5	15.5	1	55	60.4	16.8	1		16.2	37
NEW YORK	NEW YORK, NY	NEW YORK	360610056	1	33			0	0			0	0	3	15	50	15.8	3	18	60	16.4	1		16.1	36
NEW YORK	NEW YORK, NY	NEW YORK	360610056	2	20			0	0			0	0	3	8	26.7	17.1	3	12	40	21	1		19.1	47
NEW YORK	NEW YORK, NY	NEW YORK	360610062	1	35			0	0			0	0	3	11	36.7	14.3	3	24	80	17.2	1		15.8	45
NEW YORK	NEW YORK, NY	NEW YORK	360610062	2	29			0	0			0	0	3	12	40	16.8	3	17	56.7	19	1		17.9	44
NEW YORK	BUFFALO-NIAGARA FALLS, NY	NIAGARA	360632008	1	42			0	0			0	0	3	19	63.3	16.7	3	23	76.7	11.4	1		14.1	40
NEW YORK	BUFFALO-NIAGARA FALLS, NY	NIAGARA	360632008	2	49			0	0			0	0	3	22	73.3	15.1	3	27	90	10.6	1		12.9	40
NEW YORK	UTICA-ROME, NY	ONEIDA	360632001	1	40			0	0			0	0	3	12	40	9.5	3	28	93.3	10.3	1		9.9	28
NEW YORK	SYRACUSE, NY	ONONDAGA	360670019	1	36			0	0			0	0	3	10	33.3	8.6	3	26	86.7	9.4	1		9	25
NEW YORK	SYRACUSE, NY	ONONDAGA	360671015	1	44			0	0			0	0	3	19	63.3	10.9	3	25	83.3	8.7	1		9.8	26
NEW YORK	SYRACUSE, NY	ONONDAGA	360671015	2	39			0	0			0	0	3	14	46.7	11.3	3	25	83.3	8	1		9.6	24
NEW YORK	NEW YORK, NY	QUEENS	360810094	1	30			0	0			0	0	3	7	23.3	12.3	3	23	76.7	13.5	1		12.9	34
NEW YORK	NEW YORK, NY	QUEENS	360810094	2	27			0	0			0	0	3	5	16.7	12	3	22	73.3	13.2	1		12.6	35
NEW YORK	NEW YORK, NY	QUEENS	360810097	1	47			0	0			0	0	3	24	80	13.5	3	23	76.7	13.3	1		13.4	30
NEW YORK	NEW YORK, NY	RICHMOND	360850055	1	5			0	0			0	0	0	0	0	0	3	5	16.7	12	1		12	17
NEW YORK	NEW YORK, NY	RICHMOND	360850067	1	36			0	0			0	0	3	18	60	12.2	3	18	60	12.2	1		12.2	32
NEW YORK	NOT IN AN MSA	ST. LAWRENCE	360893001	1	23			0	0			0	0	0	0	0	0	3	23	76.7	6.9	1		6.9	21
NEW YORK	ALBANY-SCHENECTADY-TROY, NY	SCHENECTADY	360930003	1	42			0	0			0	0	3	16	53.3	14.1	3	26	86.7	10.3	1		12.2	49
NEW YORK	NOT IN AN MSA	STEUBEN	361010003	1	108			0	0			0	0	1	41	45.1	10.7	1	67	73.6	7.2	1		9	25
NEW YORK	NASSAU-SUFFOLK, NY	SUFFOLK	361030001	1	28			0	0			0	0	3	10	33.3	13.5	3	18	60	12.4	1		13	32
NORTH CAROLINA	GREENSBORO-WINSTON-SALEM-HIGH POINT, NC	ALAMANCE	370010002	1	76			0	0	3	27	90	16.6	3	26	86.7	23	3	23	76.7	11.7	1		17.1	40
NORTH CAROLINA	ASHEVILLE, NC	BUNCOMBE	370210034	1	77			0	0	3	27	90	15.6	3	27	90	20.8	3	23	76.7	12.7	1		16.3	33
NORTH CAROLINA	ASHEVILLE, NC	BUNCOMBE	370210034	2	60	6	13	86.7	13.9	6	13	86.7	18	6	11	73.3	22.2	3	23	76.7	11.4	1		16.4	31
NORTH CAROLINA	CHARLOTTE-GASTONIA-ROCK HILL, NC-SC	CABARRUS	370250004	1	75			0	0	3	24	80	16.1	3	23	76.7	20.2	3	28	93.3	14	1		16.8	34
NORTH CAROLINA	NOT IN AN MSA	CASWELL	370330001	1	67			0	0	3	19	63.3	14	3	23	76.7	21.1	3	25	83.3	11.7	1		15.6	34
NORTH CAROLINA	HICKORY-MORGANTON-LENOIR, NC	CATAWBA	370350004	1	76			0	0	3	23	76.7	16.8	3	26	86.7	22.1	3	27	90	13.7	1		17.5	33
NORTH CAROLINA	RALEIGH-DURHAM-CHAPEL HILL, NC	CHATHAM	370370004	1	76			0	0	3	21	70	13.5	3	29	96.7	19.8	3	26	86.7	10.9	1		14.7	37

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 sched	q1 samp	q1pet	q1 mean	q2 sched	q2 samp	q2pet	q2 mean	q3 sched	q3 samp	q3pet	q3 mean	q4 sched	q4 samp	q4pet	q4 mean	all4q	all1 samp	all samp	a75pet	Am Mean	p98
NORTH CAROLINA	FAYETTEVILLE, NC	CUMBERLAND	370510009	1	81			0	0	3	24	80	14.2	3	29	96.7	19.7	3	28	93.3	15.2	1				16.4	38
NORTH CAROLINA	FAYETTEVILLE, NC	CUMBERLAND	370510009	2	13			0	0			0	0			0	0	6	13	86.7	13.8	1				13.8	29
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	DAVIDSON	370570002	1	75			0	0	3	26	86.7	16.8	3	27	90	22.7	3	22	73.3	14.9	1				18.1	41
NORTH CAROLINA	NOT IN AN MSA	DUPLIN	370610002	1	83			0	0	3	27	90	11.6	3	27	90	16	3	29	96.7	11	1				12.8	35
NORTH CAROLINA	RALEIGH-DURHAM-CH APEL HILL, NC	DURHAM	370630001	1	247			0	0	1	82	90.1	14	1	81	89	20.4	1	84	92.3	14	1				16.2	36
NORTH CAROLINA	ROCKY MOUNT, NC	EDGEcombe	370650003	1	56			0	0	3	24	80	12.7	3	19	63.3	20.5	3	13	43.3	13.5	1				15.6	42
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	FORSYTH	370670002	1	319		1	85.7	14.2	1	78	83.7	16.3	1	81	89	21.4	1	82	90.1	13.7				1	16.4	35
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	FORSYTH	370670024	1	85		3	27	90	12.4	3	13	43.3	3	17	56.7	21.8	3	28	93.3	12.3		1			16.4	35
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	GASTON	370710016	1	78			0	0	3	21	70	16.9	3	30	100	20.9	3	27	90	13.5	1				17.1	35
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	GASTON	370710016	2	15			0	0			0	0			0	0	6	15	100	12.4	1				12.4	20
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	GUILFORD	370810009	1	204			0	0	1	74	81.3	16	1	74	81.3	23.6	1	56	61.5	14.8	1				18.2	40
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	GUILFORD	370810009	2	5			0	0			0	0			0	0	6	5	33.3	12.8	1				12.8	24
NORTH CAROLINA	GREENSBORO-WINSTO N-SALEM-HIGH POINT, NC	GUILFORD	370811005	1	58			0	0	3	11	36.7	16.3	3	26	86.7	21.7	3	21	70	13.7	1				17.2	39
NORTH CAROLINA	NOT IN AN MSA	HAYWOOD	370870010	1	71			0	0	3	24	80	14.8	3	22	73.3	21	3	25	83.3	13.9	1				16.6	29
NORTH CAROLINA	NOT IN AN MSA	LENOIR	371070004	1	47			0	0	3	15	50	12.1	3	4	13.3	11.3	3	28	93.3	10.3	1				11.2	25
NORTH CAROLINA	NOT IN AN MSA	MC DOWELL	371110004	1	64			0	0	3	18	60	15.7	3	19	63.3	18.3	3	27	90	13.1	1				15.7	31
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	MECKLENBURG	371190010	1	270			0	0	1	89	97.8	17.4	1	92	101.1	23	1	89	97.8	15.6	1				18.6	38
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	MECKLENBURG	371190034	1	119			0	0	1	90	98.9	16.6	1	29	31.9	23.2			0	0	1				19.9	40
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	MECKLENBURG	371190040	1	86			0	0	3	28	93.3	16.8	3	29	96.7	20.6	3	29	96.7	13.7	1				17	39
NORTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	MECKLENBURG	371190041	1	153			0	0			0	0	1	63	69.2	20	1	90	98.9	14	1				17	35
NORTH CAROLINA	NOT IN AN MSA	MITCHELL	371210001	1	80			0	0	3	24	80	15.5	3	26	86.7	21	3	30	100	12.9	1				16.5	33
NORTH CAROLINA	NOT IN AN MSA	MITCHELL	371210001	2	12			0	0			0	0			0	0	6	12	80	14.2	1				14.2	24
NORTH CAROLINA	NOT IN AN MSA	MONTGOMERY	371230001	1	44			0	0			0	0	3	19	63.3	23.2	3	25	83.3	10.7	1				17	44
NORTH CAROLINA	WILMINGTON, NC	NEW HANOVER	371290009	1	85			0	0	3	27	90	11.7	3	28	93.3	15.4	3	30	100	11.4	1				12.8	39
NORTH CAROLINA	WILMINGTON, NC	NEW HANOVER	371290009	2	13			0	0			0	0			0	0	6	13	86.7	11.3	1				11.3	30
NORTH CAROLINA	JACKSONVILLE, NC	ONslow	371330005	1	80			0	0	3	28	93.3	11.3	3	24	80	14	3	28	93.3	11	1				12.1	34

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 sched	q1 samp	q1 pot	q1 mean	q2 sched	q2 samp	q2 pot	q2 mean	q3 sched	q3 samp	q3 pot	q3 mean	q4 sched	q4 samp	q4 pot	q4 mean	alt4q	alt11 samp	alt11 samp	alt75pot	Am Mean	p98
NORTH CAROLINA	RALEIGH-DURHAM-CH APEL HILL, NC	ORANGE	371350007	1	78			0	0	3	23	76.7	14.9	3	26	86.7	21.1	3	29	96.7	11.7	1				15.9	37
NORTH CAROLINA	NOT IN AN MSA	PASQUOTANK	371300002	1	57			0	0	3	12	40	11.1	3	20	66.7	19.3	3	25	83.3	10	1				13.5	39
NORTH CAROLINA	GREENVILLE, NC	PITT	371470005	1	65			0	0	3	24	80	12.1	3	22	73.3	19.3	3	19	63.3	13.5	1				15	39
NORTH CAROLINA	GREENVILLE, NC	PITT	371470005	2	12			0	0			0	0				0	6	12	80	12.1	1				12.1	27
NORTH CAROLINA	NOT IN AN MSA	ROBESON	371550004	1	82			0	0	3	30	100	14.1	3	25	83.3	16.7	3	27	90	14.3	1				15	34
NORTH CAROLINA	NOT IN AN MSA	SWAIN	371730002	1	71			0	0	3	27	90	14.7	3	20	66.7	18.5	3	24	80	12.4	1				15.2	32
NORTH CAROLINA	RALEIGH-DURHAM-CH APEL HILL, NC	WAKE	371830014	1	243			0	0	1	80	87.9	14.6	1	74	81.3	19.9	1	89	97.8	13.7	1				16.1	38
NORTH CAROLINA	RALEIGH-DURHAM-CH APEL HILL, NC	WAKE	371830015	1	71			0	0	3	25	83.3	13.5	3	19	63.3	22.7	3	27	90	13.1	1				16.4	37
NORTH CAROLINA	GOLDSBORO, NC	WAYNE	371910005	1	69			0	0	3	24	80	13.7	3	23	76.7	19.5	3	22	73.3	13.5	1				15.6	41
NORTH DAKOTA	NOT IN AN MSA	BURKE	380130002	1	35			0	0	6	11	73.3	5.5	6	11	73.3	6.6	6	13	86.7	6.5	1				6.2	22
NORTH DAKOTA	NOT IN AN MSA	BURKE	380130003	1	16			0	0			0	0				0	6	13	86.7	4.4	1				4.9	8
NORTH DAKOTA	BISMARCK, ND	BURLINGHAM	380150003	1	93	3	14	46.7	12.2	3	24	80	5.6	3	25	83.3	6.5	3	30	100	6.2					7.6	23
NORTH DAKOTA	FARGO-MOORHEAD, ND-MN	CASS	380171004	1	108	3	21	70	12.4	3	29	96.7	7.8	3	28	93.3	7.3	3	30	100	10.1					9.4	27
NORTH DAKOTA	GRAND FORKS, ND-MN	GRAND FORKS	380350004	1	93	3	13	43.3	14.6	3	26	86.7	7.7	3	27	90	7.2	3	27	90	11.4					10.2	26
NORTH DAKOTA	NOT IN AN MSA	MERCER	380570004	1	56	6	15	100	10.8	6	13	86.7	5.3	6	14	93.3	6.7	6	14	93.3	4.9					6.9	21
NORTH DAKOTA	NOT IN AN MSA	STEELE	380910001	1	56	6	14	93.3	9.3	6	15	100	6.1	6	14	93.3	7	6	13	86.7	8.5					7.7	21
OHIO	NOT IN AN MSA	ATHENS	390090003	1	100	3	17	56.7	10.9	3	26	86.7	15.5	3	31	103.3	17	3	26	86.7	11.3					13.7	37
OHIO	HAMILTON-MIDDLETON WLN, OH	BUTLER	390170003	1	290	1	81	89	17.4	1	90	98.9	18.3	1	87	95.6	19.3	1	32	35.2	19.8					18.7	37
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350013	1	110	3	21	70	15.7	3	30	100	19.1	3	30	100	20.9	3	29	96.7	15.8					17.9	40
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350027	1	303	1	62	68.1	17.2	1	79	86.8	19.2	1	83	91.2	20.5	1	79	86.8	16					18.2	46
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350038	1	294	1	76	83.5	20.8	1	82	90.1	20.8	1	77	84.6	22	1	59	64.8	20.2					20.9	49
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350045	1	6			0	0			0	0				0	3	6	20	13.9	1				13.9	22
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350060	1	115	3	25	83.3	18.8	3	29	96.7	19.2	3	31	103.3	21.2	3	30	100	15.2					18.6	43
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350065	1	109	3	21	70	16.6	3	30	100	18.5	3	31	103.3	20.3	3	27	90	15					17.6	41
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390350066	1	106	3	23	76.7	15.3	3	25	83.3	13.8	3	29	96.7	18	3	29	96.7	12.7					15	36
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	CUYAHOGA	390351002	1	116	3	26	86.7	15.2	3	29	96.7	17	3	31	103.3	17.5	3	30	100	11.7					15.3	34
OHIO	COLUMBUS, OH	FRANKLIN	390490024	1	257	1	85	93.4	15.6	1	63	69.2	17.5	1	60	65.9	19	1	49	53.8	21.1					18.3	40
OHIO	COLUMBUS, OH	FRANKLIN	390490025	1	310	1	68	74.7	16.1	1	82	90.1	16.8	1	75	82.4	17.8	1	85	93.4	17.8					17.1	37
OHIO	COLUMBUS, OH	FRANKLIN	390490081	1	89	3	27	90	16.3	3	12	40	18.4	3	23	76.7	18	3	27	90	15.4					17	39
OHIO	CINCINNATI, OH-KY-IN	HAMILTON	390610014	1	293	1	61	67	18.5	1	84	92.3	21	1	87	95.6	21.3	1	61	67	18.9					19.9	41

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pt mean	q2 sched	q2 samp	q2pt mean	q3 sched	q3 samp	q3pt mean	q4 sched	q4 samp	q4pt mean	alt4q	alt11 samp	alt11 samp	a75pct	Ann Mean	p98	
OHIO	CINCINNATI, OH-KY-IN	HAMILTON	390610040	1	48			0	3	21	70	14.8	3	14	46.7	18.2	3	13	43.3	14.2	1		15.7	34
OHIO	CINCINNATI, OH-KY-IN	HAMILTON	390610041	1	93	3	3	10	20.3	3	29	96.7	17.8	3	31	103.3	20.5	3	30	100	16		18.7	38
OHIO	CINCINNATI, OH-KY-IN	HAMILTON	390617001	1	250	1	57	62.6	15.4	1	62	68.1	18.1	1	79	86.8	18.6	1	52	57.1	16.5	1	17.2	35
OHIO	CINCINNATI, OH-KY-IN	HAMILTON	390618001	1	43	6	2	13.3	26	3	2	6.7	19	3	14	46.7	20.7	3	25	83.3	18.1		21	40
OHIO	STEUBENVILLE-WEIRT ON, OH-WV	JEFFERSON	390810016	1	104	3	21	70	17.9	3	27	90	21.2	3	28	93.3	22.9	3	28	93.3	15.4	1	19.3	40
OHIO	STEUBENVILLE-WEIRT ON, OH-WV	JEFFERSON	390811001	1	247	1	31	34.1	14.4	1	71	78	21.4	1	83	91.2	21.2	1	62	68.1	16.2	1	18.3	42
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	LAKE	390831001	1	109	3	27	90	13.1	3	25	83.3	14.4	3	30	100	17.3	3	27	90	10.3	1	13.8	32
OHIO	HUNTINGTON-ASHLAN D, WV-KY-OH	LAWRENCE	390870010	1	35	3	8	26.7	19.5			0	0										18.8	34
OHIO	CLEVELAND-LORAIN-E LYRIA, OH	LORAIN	390932003	1	101	3	29	96.7	15.3	3	25	83.3	12.9	3	23	76.7	16.7	3	24	80	12.7	1	14.4	32
OHIO	TOLEDO, OH	LUCAS	390950024	1	193	1	29	31.9	14.5	1	44	48.4	18.3	1	71	78	13.8	1	49	53.8	13.1	1	14.9	44
OHIO	TOLEDO, OH	LUCAS	390950025	1	85	3	5	16.7	9.4	3	24	80	12.5	3	31	103.3	15.2	3	25	83.3	12.7		12.4	31
OHIO	TOLEDO, OH	LUCAS	390950026	1	183			0	0	1	29	31.9	20.1	1	78	85.7	14.7	1	76	83.5	14.2	1	16.3	37
OHIO	YOUNGSTOWN-WARRE N, OH	MAHONING	390990005	1	335	1	77	84.6	15.6	1	88	96.7	17.1	1	84	92.3	19	1	86	94.5	15.9	1	16.9	39
OHIO	DAYTON-SPRINGFIELD, OH	MONTGOMERY	391130014	1	263	1	67	73.6	17.1	1	84	92.3	16.6	1	61	67	19.1	1	51	56	17.7	1	17.6	34
OHIO	DAYTON-SPRINGFIELD, OH	MONTGOMERY	391130031	1	266	1	49	53.8	15.4	1	77	84.6	16.2	1	66	72.5	17.4	1	74	81.3	15.2	1	16	35
OHIO	AKRON, OH	PORTAGE	391330002	1	102	3	21	70	13.2	3	28	93.3	16.6	3	28	93.3	18.2	3	25	83.3	12.1	1	15	34
OHIO	NOT IN AN MSA	PREBLE	391351001	1	78	3	21	70	15.3	3	25	83.3	15.1	3	28	93.3	17	6	4	26.7	10.9	1	14.6	33
OHIO	NOT IN AN MSA	SCIOTO	391450013	1	103	3	21	70	22.9	3	23	76.7	26.8	3	31	103.3	23.4	3	28	93.3	23.7	1	24.2	43
OHIO	CANTON-MASSILLON, OH	STARK	391510017	1	106	3	24	80	17.9	3	25	83.3	18.8	3	27	90	21.3	3	30	100	15.6	1	18.4	42
OHIO	CANTON-MASSILLON, OH	STARK	391510020	1	96	3	26	86.7	17.2	3	24	80	17.3	3	28	93.3	20.1	3	18	60	15	1	17.4	50
OHIO	AKRON, OH	SUMMIT	391530017	1	332	1	73	80.2	17.2	1	86	94.5	18.7	1	85	93.4	20.2	1	88	96.7	15.9	1	18	40
OHIO	AKRON, OH	SUMMIT	391530023	1	342	1	81	89	15.7	1	87	95.6	17.4	1	85	93.4	18.3	1	89	97.8	14.2	1	16.4	42
OHIO	YOUNGSTOWN-WARRE N, OH	TRUMBULL	391550007	1	328	1	83	91.2	15.7	1	78	85.7	16.8	1	86	94.5	18.7	1	81	89	15.5	1	16.7	39
OKLAHOMA	NOT IN AN MSA	CARTER	400190294	1	19			0	0	6	2	13.3	10.6	6	13	86.7	11.4	6	4	26.7	9.4	1	10.5	24
OKLAHOMA	LAWTON, OK	COMANCHE	400310648	1	33			0	0	6	11	73.3	7.8	6	10	66.7	9.4	6	12	80	7.7	1	8.3	20
OKLAHOMA	LAWTON, OK	COMANCHE	400310648	2	8			0	0			0	0	6	8	53.3	10.7			0	0	1	10.7	17
OKLAHOMA	NOT IN AN MSA	CUSTER	400390852	1	37			0	0	6	9	60	9.3	6	14	93.3	9.5	6	14	93.3	6.5	1	8.5	17
OKLAHOMA	ENID, OK	GARFIELD	400470554	1	36			0	0	6	10	66.7	8.7	6	13	86.7	10.3	6	13	86.7	7	1	8.6	18
OKLAHOMA	ENID, OK	GARFIELD	400470554	2	12			0	0			0	0	6	12	80	11.7			0	0	1	11.7	20
OKLAHOMA	NOT IN AN MSA	KAY	400710602	1	34			0	0	6	6	40	7.8	6	14	93.3	11.2	6	14	93.3	7.6	1	8.9	23
OKLAHOMA	NOT IN AN MSA	MAYES	400970186	1	27			0	0	6	6	40	10.6	6	8	53.3	12.4	6	13	86.7	9.9	1	11	22
OKLAHOMA	NOT IN AN MSA	MUSKOGEE	401010169	1	27			0	0	6	5	33.3	9.5	6	8	53.3	12.7	6	14	93.3	10.2	1	10.8	23

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt1 samp	alt1 pet	alt1 mean	Ann Mean	p8
OKLAHOMA	OKLAHOMA CITY, OK	OKLAHOMA	401090035	1	179			0	0	0	66	72.5	10.2	1	32	35.2	12.4	1	81	89	9.3	1			10.6	24
OKLAHOMA	OKLAHOMA CITY, OK	OKLAHOMA	401090035	2	13			0	0	0			0	6	13	86.7	12.6			0	0	1			12.6	22
OKLAHOMA	OKLAHOMA CITY, OK	OKLAHOMA	401090038	1	60			0	0	3	18	60	8.5	3	20	66.7	10.8	3	22	73.3	9.1	1			9.4	19
OKLAHOMA	OKLAHOMA CITY, OK	OKLAHOMA	401091037	1	30			0	0	6	11	73.3	8.3	6	7	46.7	9	6	12	80	7.3	1			8.2	19
OKLAHOMA	NOT IN AN MSA	PAYNE	401190614	1	39			0	0	6	11	73.3	9.1	6	14	93.3	11.5	6	14	93.3	7.7	1			9.4	24
OKLAHOMA	NOT IN AN MSA	PITTSBURG	401210415	1	55			0	0	3	17	56.7	10.6	3	14	46.7	14.2	3	24	80	10.3	1			11.7	22
OKLAHOMA	OKLAHOMA CITY, OK	POTTAWATOMIE	401250054	1	33			0	0	6	10	66.7	10	6	8	53.3	11.6	6	15	100	8.1	1			9.9	19
OKLAHOMA	TULSA, OK	TULSA	401430110	1	171			0	0	1	58	63.7	11.1	1	31	34.1	12.4	1	82	90.1	10.2	1			11.2	24
OKLAHOMA	TULSA, OK	TULSA	401430110	2	14			0	0	0			0	6	14	93.3	13.4			0	0	1			13.4	22
OKLAHOMA	TULSA, OK	TULSA	401430131	1	58			0	0	3	17	56.7	10.9	3	14	46.7	13.6	3	27	90	10.4	1			11.6	21
OREGON	NOT IN AN MSA	BENTON	410030013	1	109	3	27	90	6.9	3	27	90	4	3	27	90	5.8	3	28	93.3	11.5				7.1	32
OREGON	PORTLAND-VANCOUVE R, OR-WA	COLUMBIA	410090004	1	220	1	82	90.1	6.9	1	85	93.4	4.5	3	26	86.7	6.6	3	27	90	8			1	6.5	23
OREGON	NOT IN AN MSA	DESCHUTES	410170113	1	138	6	12	80	9.5	6	10	66.7	5.7	1	28	30.8	8.3	1	88	96.7	10.4	1			8.5	23
OREGON	MEDFORD-ASHLAND, OR	JACKSON	410290133	1	324	1	85	93.4	14.6	1	67	73.6	6	1	80	87.9	8.4	1	92	101.1	18.3			1	11.8	49
OREGON	MEDFORD-ASHLAND, OR	JACKSON	410291001	1	220	1	77	84.6	7.3	1	87	95.6	3.9	3	30	100	6.2	3	26	86.7	8.2			1	6.4	18
OREGON	MEDFORD-ASHLAND, OR	JACKSON	410292129	1	106			0	0				0	0	1	15	16.5	13.3	1	91	100	18.2	1		15.7	50
OREGON	NOT IN AN MSA	JOSEPHINE	410330107	1	38			0	0				0	3	9	30	8.3	3	29	96.7	13.6	1			11	30
OREGON	NOT IN AN MSA	KLAMATH	410350004	1	148	6	15	100	13.2	6	11	73.3	6	1	38	41.8	8	1	84	92.3	15.5			1	10.7	44
OREGON	NOT IN AN MSA	LAKE	410370001	1	155	6	14	93.3	12.9	6	15	100	5.3	1	39	42.9	6.4	1	87	95.6	10.3			1	8.7	37
OREGON	NOT IN AN MSA	LAKE	410370003	1	19			0	0				0	6	4	26.7	6.6	6	15	100	2.7	1			4.6	13
OREGON	EUGENE-SPRINGFIELD, OR	LANE	410390060	1	351	1	83	91.2	8	1	88	96.7	5.3	1	90	98.9	7.4	1	90	98.9	13.4			1	8.5	36
OREGON	EUGENE-SPRINGFIELD, OR	LANE	410391007	1	105	3	20	66.7	5.3	3	28	93.3	4.9	3	27	90	7.3	3	30	100	9.3			1	6.7	21
OREGON	EUGENE-SPRINGFIELD, OR	LANE	410392013	1	317	1	83	91.2	18	1	66	72.5	7.4	1	84	92.3	7.9	1	84	92.3	17.8			1	12.8	57
OREGON	NOT IN AN MSA	LINN	410430009	1	22			0	0				0				0	0	3	22	73.3	14.7	1		14.7	39
OREGON	SALEM, OR	MARION	410470040	1	113	3	28	93.3	6.8	3	29	96.7	4.5	3	27	90	6.2	3	29	96.7	12.4			1	7.5	26
OREGON	SALEM, OR	MARION	410470109	1	151	1	86	94.5	6	1	65	71.4	5				0			0	0	1		5.5	18	
OREGON	SALEM, OR	MARION	410470110	1	48			0	0				0	3	18	60	6.7	3	30	100	9.2	1			7.9	37
OREGON	PORTLAND-VANCOUVE R, OR-WA	MULTNOMAH	410510080	1	336	1	82	90.1	11.3	1	82	90.1	6.2	1	89	97.8	7.8	1	83	91.2	10.1			1	8.8	27
OREGON	PORTLAND-VANCOUVE R, OR-WA	MULTNOMAH	410510244	1	333	1	79	86.8	8.6	1	81	89	6.5	1	87	95.6	8.9	1	86	94.5	10.1			1	8.5	22
OREGON	PORTLAND-VANCOUVE R, OR-WA	MULTNOMAH	410510246	1	117			0	0				0	1	34	37.4	9.2	1	83	91.2	10.7	1			10	24
OREGON	NOT IN AN MSA	UMATILLA	410590121	1	113	6	11	73.3	9.9	6	13	86.7	5.6	1	25	27.5	8	1	64	70.3	11.5			1	8.8	30
OREGON	NOT IN AN MSA	UNION	410610006	1	39	6	14	93.3	10.4	6	13	86.7	5.6	6	12	80	7.3			0	0	1		7.8	18	

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	mean	alt4q samp	all samp	a7/Spot	Ann Mean	p98
OREGON	NOT IN AN MSA	UNION	410610117	1	96			0	0			0	85.7	12.1	1	58	63.7	17.5	1	72	79.1	11			13.1	34
OREGON	NOT IN AN MSA	UNION	410619103	1	17			0	0			0	13.3	25.4	1	17	18.7	17.3	1	38	41.8	13.3	1		16.5	32
OREGON	NOT IN AN MSA	WASCO	410650007	1	3			0	0			0	0	0			0	0	6	3	20	8.3	1		8.3	9
OREGON	PORTLAND-VANCOUVE R, OR-WA	WASHINGTON	410670111	1	266	1	85	93.4	7.1	1	83	91.2	4.7	1	68	74.7	6.8	3	30	100	10.6		1		7.3	29
OREGON	PORTLAND-VANCOUVE R, OR-WA	WASHINGTON	410671003	1	33			0	0			0	0	0	3	4	13.3	7.6	3	29	96.7	13.4	1		10.5	51
PENNSYLVANIA	NOT IN AN MSA	ADAMS	420010001	1	268	1	60	65.9	11.9	1	78	85.7	12.1	1	58	63.7	17.5	1	72	79.1	11		1		13.1	34
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030008	1	63	3	6	20	9.9	6	2	13.3	25.4	1	17	18.7	17.3	1	38	41.8	13.3	1			16.5	32
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030008	2	58			0	0			0	0	0	1	8	8.8	17.2	1	50	54.9	16.8	1		17	34
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030021	1	68	3	8	26.7	12.4	3	20	66.7	17.9	6	17	113.3	18.4	3	23	76.7	16.4		1		16.3	39
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030064	1	183	1	37	40.7	17.1	1	51	56	18.8	1	48	52.7	19.9	1	47	53.6	19.6		1		18.8	49
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030064	2	161	1	21	23.1	16.9	1	42	46.2	22.8	1	49	53.8	24.2	1	49	53.8	24.3		1		22	67
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030067	1	62			0	0	0	3	19	63.3	14.3	3	20	66.7	17.1	3	23	76.7	12.8	1		14.7	37
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030093	1	15	6	1	6.7	5.2	6	5	33.3	9	6	4	26.7	15.6	6	5	33.3	14.1		1		11	22
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030095	1	21	6	3	20	12.2	6	7	46.7	14.7	6	8	53.3	19.8	6	3	20	10.5		1		14.3	54
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030095	1	16	6	2	13.3	29.3			0	0	0	4	4	18.2	20.9	6	10	66.7	14.7	1		21.6	47
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030097	1	64	2	11	24.4	13.6	3	14	46.7	17.9	6	15	100	18.8	3	24	80	15.3		1		16.4	50
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030116	1	19	6	5	33.3	9	6	8	53.3	15.7	6	3	20	17.5	6	3	20	15.1		1		14.3	31
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420030131	1	64	3	11	36.7	10.9	3	19	63.3	18.5	3	10	33.3	24	3	24	80	16.7		1		17.5	40
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420031008	1	64	3	11	36.7	10.9	3	22	73.3	15.2	3	18	60	21	3	26	86.7	18		1		18.2	40
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420031301	1	70	6	4	26.7	18.7	3	22	73.3	17	3	21	70	18	3	22	73.3	12.7		1		23.5	68
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420031301	2	19			0	0	0	6	3	20	17.3	6	3	20	32.2	6	13	86.7	21.2	1		16	73
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420039002	1	37	6	8	53.3	10.9	6	12	80	17	6	8	53.3	22.7	6	9	60	13.4		1		13.5	36
PENNSYLVANIA	PITTSBURGH, PA	ALLEGHENY	420110009	1	91	3	13	43.3	11.4	3	24	80	12.4	3	28	93.3	16	3	26	86.7	14.2		1		12	33
PENNSYLVANIA	READING, PA	BERKS	420170012	1	67	3	13	43.3	8.4	3	17	56.7	12.6	3	17	56.7	13.5	3	20	66.7	13.5		1		14.8	31
PENNSYLVANIA	PHILADELPHIA, PA-NJ	BUCKS	420210011	1	80	3	15	50	11.5	3	22	73.3	17	3	21	70	18	3	22	73.3	12.7		1		14.4	40
PENNSYLVANIA	JOHNSTOWN, PA	CAMBRIA	420430401	1	244	1	59	64.8	13.5	1	77	84.6	13.4	1	78	85.7	17.6	1	30	33	13		1			
PENNSYLVANIA	HARRISBURG-LEBANON -CARLISLE, PA	DAUPHIN	420430401	1	94	3	15	50	10	3	25	83.3	12.4	3	27	90	16.3	3	27	90	13.8		1		13.1	36
PENNSYLVANIA	PHILADELPHIA, PA-NJ	DELAWARE	420450002	1	38	3	9	30	12.4	3	10	33.3	12.1	6	3	20	15.4	3	16	53.3	10.7		1		12.6	31
PENNSYLVANIA	ERIE, PA	ERIE	420490003	1	259	1	35	38.5	8.5	1	71	78	10.5	1	81	89	14.6	1	72	79.1	10.4		1		11	30
PENNSYLVANIA	SCRANTON-WILKES-BA RRE-HAZLETON, PA	LACKAWANNA	420692006	1	89	3	15	50	15.5	3	28	93.3	14.4	3	22	73.3	16.2	3	24	80	16.4		1		15.6	38
PENNSYLVANIA	LANCASTER, PA	LANCASTER	420710007	1	185	1	18	19.8	8.4	1	79	86.8	11.9	1	22	24.2	14.6	1	66	72.5	12.7		1		11.9	32
PENNSYLVANIA	ALLENTOWN-BETHLEH EM-EASTON, PA	LEHIGH	420770004	1	252	1	45	49.5	10.4	1	64	70.3	11.6	1	77	84.6	16.2	1	66	72.5	12		1		12.5	33
PENNSYLVANIA	SCRANTON-WILKES-BA RRE-HAZLETON, PA	LUZERNE	420791011	1	78	3	15	50	10.9	3	18	60	13.2	3	20	66.7	15.8	3	25	83.3	12.1		1		13	31
PENNSYLVANIA	PHILADELPHIA, PA-NJ	MONTGOMERY	420910013	1	180	1	18	19.8	11	1	81	89	11.8	1	31	34.1	15.2	1	50	54.9	13.4		1		12.9	31
PENNSYLVANIA	ALLENTOWN-BETHLEH EM-EASTON, PA	NORTHAMPTON	420950025	1	231	1	35	38.5	13.6	1	52	57.1	13.5	1	74	81.3	15.2	1	70	76.9	15.1		1		14.4	34
PENNSYLVANIA	PHILADELPHIA, PA-NJ	PHILADELPHIA	421010004	1	80	1	6	6.6	12.8	3	19	63.3	11	3	27	90	15.1	3	28	93.3	14		1		13.2	30
PENNSYLVANIA	PHILADELPHIA, PA-NJ	PHILADELPHIA	421010020	1	80	1	6	6.6	12.8	3	19	63.3	11	3	27	90	15.1	3	28	93.3	14		1		13.2	30

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pt	q1 mean	q2 sched	q2 samp	q2pt	q2 mean	q3 sched	q3 samp	q3pt	q3 mean	q4 sched	q4 samp	q4pt	q4 mean	alt4q	alt11 samp	alt11 samp	Ann Mean	p98
PENNSYLVANIA	PHILADELPHIA, PA-NJ	PHILADELPHIA	421010024	1	64	3	5	16.7	12	6	6	40	14.4	3	25	83.3	13	3	28	93.3	12.4	1	1	1	13	33
PENNSYLVANIA	PHILADELPHIA, PA-NJ	PHILADELPHIA	421010047	1	74	3	9	30	14	3	12	40	14.3	3	27	90	16.2	3	26	86.7	16.9	1	1	1	15.4	33
PENNSYLVANIA	PHILADELPHIA, PA-NJ	PHILADELPHIA	421010136	1	104	1	30	33	14.4	3	38	41.8	12.4	1	27	29.7	15.1	1	9	9.9	16.2	1	1	1	14.5	34
PENNSYLVANIA	PITTSBURGH, PA	WASHINGTON	421250005	1	73	3	20	66.7	12.6	3	21	70	17.1	3	19	63.3	17.9	3	13	43.3	14.1	1	1	1	15.4	33
PENNSYLVANIA	PITTSBURGH, PA	WASHINGTON	421250200	1	77	3	19	63.3	11	3	17	56.7	15.3	3	26	86.7	18.6	3	15	50	13.5	1	1	1	14.6	42
PENNSYLVANIA	PITTSBURGH, PA	WASHINGTON	421255001	1	261	1	40	44	9.6	1	72	79.1	14.3	1	76	83.5	16.5	1	73	80.2	11.5	1	1	1	13	38
PENNSYLVANIA	PITTSBURGH, PA	WESTMORELAND	421290008	1	69	3	12	40	12.2	3	20	66.7	15.8	3	26	86.7	18.8	3	11	56.7	12.8	1	1	1	14.9	38
PENNSYLVANIA	YORK, PA	YORK	421330008	1	96	3	21	70	15.7	3	28	93.3	14.9	3	22	73.3	16	3	25	83.3	15	1	1	1	15.4	35
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	KENT	440030002	1	91	1	1	0	0	3	30	100	9.5	3	31	103.3	11.6	3	30	100	6.8	1	1	1	9.3	39
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440070020	1	39	1	1	0	0	6	11	73.3	12.3	6	14	93.3	17.7	6	14	93.3	15	1	1	1	15	49
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440070022	1	256	1	1	0	0	1	79	86.8	11	1	89	97.8	13.3	1	88	96.7	10	1	1	1	11.4	33
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440070022	2	35	1	1	0	0	6	9	60	13.4	6	11	73.3	14.1	6	15	100	11.3	1	1	1	13	43
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440070023	1	6	1	1	0	0	1	0	0	0	1	0	0	0	3	6	20	7.9	1	1	1	7.9	12
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440071005	1	81	1	1	0	0	3	25	83.3	11.6	3	28	93.3	15.3	3	28	93.3	11.2	1	1	1	12.7	32
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440071010	1	265	1	1	0	0	1	84	92.3	10.8	1	90	98.9	13	1	91	100	9.5	1	1	1	11.1	33
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	PROVIDENCE	440071010	2	43	1	1	0	0	6	15	100	10.7	6	14	93.3	14.5	6	14	93.3	10.5	1	1	1	11.9	41
RHODE ISLAND	PROVIDENCE-FALL RIVER-WARWICK, RI-MA	WASHINGTON	440090007	1	83	1	1	0	0	3	23	76.7	10.3	3	31	103.3	11.7	3	29	96.7	7	1	1	1	9.6	32
SOUTH CAROLINA	NOT IN AN MSA	BEAUFORT	450130007	1	69	1	1	0	0	3	22	73.3	11.1	3	28	93.3	16	3	19	63.3	12.4	1	1	1	13.2	39
SOUTH CAROLINA	CHARLESTON-NORTH CHARLESTON, SC	CHARLESTON	450190046	1	105	3	26	86.7	11.3	3	26	86.7	10	3	27	90	14.7	3	26	86.7	10.5	1	1	1	11.6	34
SOUTH CAROLINA	CHARLESTON-NORTH CHARLESTON, SC	CHARLESTON	450190048	1	239	1	1	0	0	1	69	75.8	11.2	1	79	86.8	15.7	1	91	100	11.7	1	1	1	12.9	35
SOUTH CAROLINA	CHARLESTON-NORTH CHARLESTON, SC	CHARLESTON	450190048	2	39	1	1	0	0	6	11	73.3	12.1	6	14	93.3	14.3	6	14	93.3	12	1	1	1	12.8	34
SOUTH CAROLINA	CHARLESTON-NORTH CHARLESTON, SC	CHARLESTON	450190049	1	320	1	88	96.7	12.8	1	88	96.7	11.5	1	72	79.1	16.1	1	72	79.1	11.9	1	1	1	13.1	36
SOUTH CAROLINA	NOT IN AN MSA	COLLETON	450290002	1	61	1	1	0	0	3	13	43.3	14.6	3	24	80	16.3	3	24	80	11.3	1	1	1	14.1	34

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 samp	q1 sched	q1 mean	q2 samp	q2 sched	q2 mean	q3 samp	q3 sched	q3 mean	q4 samp	q4 sched	q4 mean	alt4q	alt11 samp	all samp	a75pt	Am Mean	p98
SOUTH CAROLINA	AUGUSTA-AIKEN, GA-SC	EDGEFIELD	450370001	1	74	.	.	0	18	3	142	28	3	18.7	28	3	93.3	1	.	.	.	15.1	34
SOUTH CAROLINA	FLORENCE, SC	FLORENCE	450410002	1	93	3	11	36.7	26	3	138	3	30	169	3	26	86.7	12.7	.	1	.	14.3	32
SOUTH CAROLINA	NOT IN AN MSA	GEORGETOWN	450430009	1	101	3	25	83.3	27	3	12	24	3	15	25	3	83.3	13.1	.	.	1	13.5	30
SOUTH CAROLINA	NOT IN AN MSA	GEORGETOWN	450430009	2	88	3	23	76.7	25	3	12.7	14	3	12	26	3	86.7	12.5	.	1	.	12.9	29
SOUTH CAROLINA	GREENVILLE-SPARTAN BURG-ANDERSON, SC	GREENVILLE	450450009	1	200	.	.	0	29	1	21.1	79	1	21.8	92	1	101.1	14.6	1	.	.	19.2	36
SOUTH CAROLINA	GREENVILLE-SPARTAN BURG-ANDERSON, SC	GREENVILLE	450450009	2	22	.	.	0	2	6	28.5	6	9	25.3	11	6	73.3	13.4	1	.	.	22.4	37
SOUTH CAROLINA	NOT IN AN MSA	GREENWOOD	450470003	1	100	3	24	80	30	3	100	28	3	19.8	3	18	60	14.3	.	1	.	15.5	34
SOUTH CAROLINA	COLUMBIA, SC	LEXINGTON	450630005	1	112	3	24	80	29	3	14.7	31	3	18.2	28	3	93.3	12.8	.	.	1	14.6	35
SOUTH CAROLINA	COLUMBIA, SC	LEXINGTON	450630008	1	111	3	28	93.3	25	3	83.3	29	3	19.7	29	3	96.7	15.2	.	.	1	16.4	37
SOUTH CAROLINA	NOT IN AN MSA	OCONEE	450730001	1	75	3	13	43.3	20	3	66.7	19	3	19	23	3	76.7	9.4	.	1	.	13.3	31
SOUTH CAROLINA	COLUMBIA, SC	RICHLAND	450790007	1	98	3	21	70	27	3	14.7	24	3	19.5	26	3	86.7	14.3	.	1	.	15.4	36
SOUTH CAROLINA	COLUMBIA, SC	RICHLAND	450790019	1	114	3	27	90	30	3	100	30	3	19.6	27	3	90	14.9	.	.	1	15.9	37
SOUTH CAROLINA	COLUMBIA, SC	RICHLAND	450790019	2	74	.	.	0	21	3	14.1	31	3	103.3	22	3	73.3	14.5	1	.	.	16.2	39
SOUTH CAROLINA	GREENVILLE-SPARTAN BURG-ANDERSON, SC	SPARTANBURG	450830010	1	321	1	74	81.3	91	1	159	67	1	21.3	89	1	97.8	14	.	1	.	16	34
SOUTH CAROLINA	CHARLOTTE-GASTONIA -ROCK HILL, NC-SC	YORK	450910006	1	88	3	25	83.3	15	3	17.3	23	3	19.3	25	3	83.3	11.3	.	1	.	14.7	36
SOUTH DAKOTA	NOT IN AN MSA	BROOKINGS	460110002	1	6	.	.	0	.	.	0	.	.	0	3	6	20	5.3	1	.	.	5.3	10
SOUTH DAKOTA	SIOUX FALLS, SD	MINNEHAHA	460990006	1	22	.	.	0	.	.	0	.	.	0	3	22	73.3	9.8	1	.	.	9.8	21
SOUTH DAKOTA	SIOUX FALLS, SD	MINNEHAHA	460990007	1	18	.	.	0	.	.	0	.	.	0	3	18	60	9.8	1	.	.	9.8	22
SOUTH DAKOTA	RAPID CITY, SD	PENNINGTON	461030014	1	16	.	.	0	.	.	0	.	.	0	3	16	53.3	7.3	1	.	.	7.3	13
SOUTH DAKOTA	RAPID CITY, SD	PENNINGTON	461030015	1	17	.	.	0	.	.	0	.	.	0	3	17	56.7	4.9	1	.	.	4.9	12
SOUTH DAKOTA	RAPID CITY, SD	PENNINGTON	461030016	1	17	.	.	0	.	.	0	.	.	0	3	17	56.7	6.7	1	.	.	6.7	10
SOUTH DAKOTA	RAPID CITY, SD	PENNINGTON	461030017	1	16	.	.	0	.	.	0	.	.	0	3	16	53.3	6.7	1	.	.	6.7	24
SOUTH DAKOTA	RAPID CITY, SD	PENNINGTON	461031001	1	13	.	.	0	.	.	0	.	.	0	3	13	43.3	6.8	1	.	.	6.8	10
TENNESSEE	JACKSON, TN	MADISON	471130004	1	27	.	.	0	.	.	0	.	.	0	3	27	90	14.5	1	.	.	14.5	27
TENNESSEE	JACKSON, TN	MADISON	471130004	2	37	.	.	0	.	.	0	.	.	0	3	37	93.3	14.3	1	.	.	17	37
TENNESSEE	CLARKSVILLE-HOPKINS VILLE, TN-KY	MONTGOMERY	471251009	1	31	.	.	0	.	.	0	.	.	0	3	22	73.3	13.3	1	.	.	16.4	34
TENNESSEE	JOHNSON CITY-KINGSPORT-BRIST OL, TN-VA	SULLIVAN	471631007	1	12	.	.	0	.	.	0	.	.	0	3	12	40	17.9	1	.	.	17.9	31
TENNESSEE	NASHVILLE, TN	SUMNER	471650007	1	31	.	.	0	.	.	0	.	.	0	3	19	63.3	13.9	1	.	.	16.2	38
TENNESSEE	NASHVILLE, TN	SUMNER	471650007	2	36	.	.	0	.	.	0	.	.	0	3	24	80	12.9	1	.	.	15.8	40
TEXAS	SAN ANTONIO, TX	BEXAR	480290034	1	31	.	.	0	22	1	24.2	4	1	9.1	5	5.5	14.6	1	.	.	.	12.7	33
TEXAS	SAN ANTONIO, TX	BEXAR	480290032	1	38	6	1	6.7	16	1	17.6	13.5	.	0	1	21	23.1	9.9	1	.	.	15.5	23
TEXAS	SAN ANTONIO, TX	BEXAR	480290033	1	6	.	.	0	.	.	0	.	.	0	3	6	20	14.8	1	.	.	14.8	21
TEXAS	TEXARKANA, TX-TEXARKANA, AR	BOWIE	480370004	1	28	6	8	53.3	5	6	33.3	11.5	6	16.4	8	53.3	14.5	.	1	.	.	14	31

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 sched	q1 samp	q1pet mean	q1 sched	q2 sched	q2 samp	q2pet mean	q2 sched	q3 sched	q3 samp	q3pet mean	q3 sched	q4 sched	q4 samp	q4pet mean	alt4q	alt11 samp	alt1 samp	a75pet	Am Mean	p98
TEXAS	BRAZORIA, TX	BRAZORIA	480391003	1	1			0	0			0	0			0	0	6	1	6.7	7.7	1			7.7	8
TEXAS	AUSTIN-SAN MARCOS, TX	CALDWELL	480350062	1	18	6	1	6.7	19	3	7	23.3	10.7	6	1	6.7	10.4	3	9	30	9.1		1		12.3	19
TEXAS	DALLAS, TX	COLLIN	480850005	1	15	6	2	13.3	15.4	6	2	13.3	10.6	6	5	33.3	15.7	6	6	40	8.4				12.5	28
TEXAS	DALLAS, TX	DALLAS	481130020	1	154	1	8	8.8	17.4	1	36	39.6	12.6	1	32	35.2	14.6	1	78	85.7	11.9		1		14.1	29
TEXAS	DALLAS, TX	DALLAS	481130035	1	42	3	5	16.7	16.6	3	9	30	12.6	3	14	46.7	15.9	3	14	46.7	11.3		1		14.1	35
TEXAS	DALLAS, TX	DALLAS	481130050	1	119	1	12	13.2	18.1	1	14	15.4	17.5	1	64	70.3	16.1	1	29	31.9	16.3		1		17	35
TEXAS	DALLAS, TX	DALLAS	481130057	1	17	6	4	26.7	16.2	6	1	6.7	10.3	6	3	20	10.5	6	9	60	11.6				12.1	23
TEXAS	DALLAS, TX	DALLAS	481130069	1	153	1	8	8.8	19.8	1	32	35.2	13.2	1	24	26.4	13.8	1	89	97.8	12.2		1		14.7	28
TEXAS	DALLAS, TX	DALLAS	481130087	1	43	3	5	16.7	16.2	3	8	26.7	12.8	6	9	60	15.7	3	21	70	10.6				13.8	34
TEXAS	ODESSA-MIDLAND, TX	ECTOR	481350003	1	32	6	2	13.3	7.5	3	7	23.3	9.5	3	3	10	10	3	20	66.7	8		1		8.7	16
TEXAS	EL PASO, TX	EL PASO	481410002	1	55			0	0	1	23	25.3	10.6			0	0	1	32	35.2	11.4				11	27
TEXAS	EL PASO, TX	EL PASO	481410010	1	5			0	0			0	0			0	0	6	5	33.3	4.6				4.6	8
TEXAS	EL PASO, TX	EL PASO	481410037	1	151	1	36	39.6	9.9	1	34	37.4	9.5	1	23	25.3	6.4	1	58	63.7	11.7		1		9.4	20
TEXAS	EL PASO, TX	EL PASO	481410038	1	1			0	0			0	0			0	0	6	1	6.7	3.8				3.8	4
TEXAS	EL PASO, TX	EL PASO	481410043	1	54	3	13	43.3	9.8	3	9	30	12.7	3	14	46.7	6.5	3	18	60	13				10.5	20
TEXAS	EL PASO, TX	EL PASO	481410044	1	165	1	34	37.4	9.9	1	48	52.7	9.3	1	18	19.8	6.2	1	65	71.4	11.6		1		9.2	21
TEXAS	EL PASO, TX	EL PASO	481410045	1	15	6	2	13.3	6.1	6	6	40	8.2	6	1	6.7	8.2	6	6	40	9.1				7.9	12
TEXAS	GALVESTON-TEXAS CITY, TX	GALVESTON	481670053	1	7			0	0	6	1	6.7	13.4	6	1	6.7	9.6	6	5	33.3	20.7				14.6	35
TEXAS	GALVESTON-TEXAS CITY, TX	GALVESTON	481671005	1	13			0	0			0	0			0	0	3	13	43.3	13.9				13.9	37
TEXAS	HOUSTON, TX	HARRIS	482010026	1	14			0	0			0	0			0	0	1	14	15.4	14				14	24
TEXAS	HOUSTON, TX	HARRIS	482010051	1	10			0	0			0	0	6	4	26.7	14.3	6	6	40	17.9				16.1	32
TEXAS	HOUSTON, TX	HARRIS	482010058	1	4			0	0			0	0	6	2	13.3	12.8	6	2	13.3	12.6				12.7	20
TEXAS	HOUSTON, TX	HARRIS	482010062	1	16			0	0	6	2	13.3	12.3	6	6	40	15.3	6	8	53.3	18.4				15.3	36
TEXAS	HOUSTON, TX	HARRIS	482011035	1	113			0	0	1	14	15.4	16.6	1	28	30.8	17.9	1	71	78	16.9				17.1	33
TEXAS	HOUSTON, TX	HARRIS	482011037	1	32			0	0			0	0	3	11	36.7	15.8	3	21	70	14				14.9	33
TEXAS	HOUSTON, TX	HARRIS	482011039	1	4			0	0			0	0	6	2	13.3	9.6	6	2	13.3	9.6				9.6	13
TEXAS	LUBBOCK, TX	LUBBOCK	483030001	1	23	3	3	10	7.2			0	0	3	3	10	6.9	3	17	56.7	6.7				6.9	11
TEXAS	NOT IN AN MSA	MARION	483150050	1	58	3	10	33.3	12	3	7	23.3	9.5	3	11	36.7	14.8	3	30	100	12.2		1		12.1	30
TEXAS	HOUSTON, TX	MONTGOMERY	483300089	1	2			0	0			0	0			0	0	6	2	13.3	11.1				11.1	14
TEXAS	FORT WORTH-ARLINGTON, TX	TARRANT	484390063	1	45	3	8	26.7	11.4	3	7	23.3	10.1	3	5	16.7	12.1	3	25	83.3	9.3		1		10.7	26
TEXAS	FORT WORTH-ARLINGTON, TX	TARRANT	484391002	1	119	1	7	7.7	18.9	1	6	6.6	12.7	1	16	17.6	10.8	1	90	98.9	10.8		1		13.3	24
TEXAS	FORT WORTH-ARLINGTON, TX	TARRANT	484391003	1	98			0	0			0	0	1	28	30.8	14.8	1	70	76.9	11.7				13.2	26

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pot	q1 mean	q2 sched	q2 samp	q2 pot	q2 mean	q3 sched	q3 samp	q3 pot	q3 mean	q4 sched	q4 samp	q4 pot	q4 mean	alt4q	alt11 samp	alt11 samp	a75pot	Ann Mean	p98
TEXAS	FORT WORTH-ARLINGTON, TX	TARRANT	484393006	1	159	1	16	17.6	13.5	1	24	26.4	11.7	1	28	30.8	13.7	1	91	100	11.5			1		12.6	23
TEXAS	AUSTIN-SAN MARCOS, TX	TRAVIS	484530020	1	143	1	7	7.7	12.4	1	15	16.5	12.5	1	41	45.1	10.2	1	80	87.9	8		1			10.7	17
TEXAS	AUSTIN-SAN MARCOS, TX	TRAVIS	484530021	1	49			0	0			0	0			0	0	1	49	53.8	10.5	1				10.5	24
TEXAS	LAREDO, TX	WEBB	484790016	1	11			0	0			0	0	6	2	13.3	8.9	6	9	60	11.7	1				10.3	26
UTAH	SALT LAKE CITY-OGDEN, UT	DAVIS	490110001	1	117	3	30	100	10	3	28	93.3	4.6	3	29	96.7	6.2	3	30	100	10.7				1	7.9	31
UTAH	SALT LAKE CITY-OGDEN, UT	SALT LAKE	490350003	1	119	3	29	96.7	11.6	3	30	100	7.4	3	30	100	8.7	3	30	100	15.8				1	10.9	42
UTAH	SALT LAKE CITY-OGDEN, UT	SALT LAKE	490350012	1	115	3	28	93.3	12.8	3	28	93.3	7.4	3	30	100	10.2	3	29	96.7	19.8				1	12.5	51
UTAH	SALT LAKE CITY-OGDEN, UT	SALT LAKE	490353006	1	315	1	80	87.9	11.6	1	84	92.3	6	1	73	80.2	6.9	1	78	85.7	15.3				1	9.9	47
UTAH	SALT LAKE CITY-OGDEN, UT	SALT LAKE	490353007	1	104	3	19	63.3	12.1	3	31	103.3	6.1	3	30	100	6.9	3	24	80	15.5		1			10.2	34
UTAH	NOT IN AN MSA	TOOELE	490450002	1	100	3	19	63.3	19.1	3	25	83.3	4.4	3	27	90	5.4	3	29	96.7	8.3		1			9.3	58
UTAH	PROVO-OREM, UT	UTAH	490490002	1	121	3	30	100	11	3	30	100	6	3	31	103.3	7	3	30	100	13.6				1	9.4	27
UTAH	PROVO-OREM, UT	UTAH	490494001	1	334	1	76	83.5	10.8	1	82	90.1	6.3	1	91	100	6.7	1	85	93.4	13.6				1	9.3	35
UTAH	PROVO-OREM, UT	UTAH	490495010	1	110	3	29	96.7	8.2	3	25	83.3	6.1	3	27	90	5.9	3	29	96.7	10.7				1	7.7	31
UTAH	SALT LAKE CITY-OGDEN, UT	WEBER	490570001	1	115	3	29	96.7	10.7	3	30	100	5.9	3	30	100	8.6	3	26	86.7	14.3				1	9.9	30
UTAH	SALT LAKE CITY-OGDEN, UT	WEBER	490570007	1	105	3	24	80	8.5	3	28	93.3	5.3	3	29	96.7	7.3	3	24	80	11.2				1	8.1	24
VERMONT	NOT IN AN MSA	BENNINGTON	500030005	1	112	3	24	80	9.8	3	30	100	8.5	3	28	93.3	12.7	3	30	100	8.7				1	9.9	26
VERMONT	NOT IN AN MSA	CHITTENDEN	500070007	1	100	3	21	70	6	3	26	86.7	6.3	3	25	83.3	10.2	3	28	93.3	5.4		1			7	23
VERMONT	BURLINGTON, VT	CHITTENDEN	500070012	1	49			0	0			0	0			22	73.3	9.8	3	27	90	8.4	1			9.1	26
VERMONT	NOT IN AN MSA	RUTLAND	500210002	1	105	3	26	86.7	11.4	3	26	86.7	9.7	3	24	80	13	3	29	96.7	9.5				1	10.9	26
VERMONT	NOT IN AN MSA	WASHINGTON	500230005	1	113	3	26	86.7	13.8	3	28	93.3	8.6	3	30	100	10.7	3	29	96.7	10.2				1	10.8	25
VERMONT	NOT IN AN MSA	WASHINGTON	500230005	2	95	3	22	73.3	13.7	3	25	83.3	7.7	3	20	66.7	11.4	3	28	93.3	9.6		1			10.6	25
VIRGINIA	WASHINGTON, DC-MD-VA-WV	ARLINGTON	510130020	1	91	3	17	56.7	11.6	3	27	90	12.9	3	30	100	19	3	17	56.7	11.6				1	13.8	34
VIRGINIA	RICHMOND-PETERSBURG, VA	CHARLES CITY	510360002	1	70	3	19	63.3	11	3	22	73.3	14.3	3	23	76.7	19.5	6	6	40	9.9		1			13.7	36
VIRGINIA	RICHMOND-PETERSBURG, VA	CHESTERFIELD	510410003	1	52	6	3	20	12	3	14	46.7	13.2	3	25	83.3	18.1	3	10	33.3	12.4		1			13.9	35
VIRGINIA	WASHINGTON, DC-MD-VA-WV	FAIRFAX	510590030	1	231	1	56	61.5	11.6	1	75	82.4	12.7	1	60	65.9	17.9	1	40	44	11			1		13.3	34
VIRGINIA	WASHINGTON, DC-MD-VA-WV	FAIRFAX	510591004	1	76	3	15	50	12.4	3	23	76.7	12.6	3	26	86.7	19.6	3	12	40	13.2				1	14.5	36
VIRGINIA	WASHINGTON, DC-MD-VA-WV	FAIRFAX	510595001	1	70	3	17	56.7	12.6	3	21	70	14	3	29	96.7	18.9	6	3	20	9.9		1			13.8	38

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt1 samp	alt1 alt4q	a75pet	Ann Mean	p8
VIRGINIA	RICHMOND-PETERSBURG, VA	HENRICO	510870014	1	65	3	18	60	11.5	3	18	60	12.8	3	25	83.3	18.9	6	4	26.7	17.7	1			15.2	34
VIRGINIA	RICHMOND-PETERSBURG, VA	HENRICO	510870015	1	74	3	20	66.7	11	3	18	60	13	3	24	80	18.7	6	12	80	10.7		1		13.3	36
VIRGINIA	WASHINGTON, DC-MD-VA-WV	LOUDOUN	511071005	1	94	3	19	63.3	11.1	3	28	93.3	12.8	3	30	100	17.5	3	17	56.7	9.3		1		12.7	36
VIRGINIA	NOT IN AN MSA	PAGE	511390004	1	7			0	0			0	0				0	3	7	23.3	8.4				8.4	13
VIRGINIA	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA	BRISTOL	515200006	1	88	3	17	56.7	13.7	3	22	73.3	15.4	3	22	73.3	21.6	3	27	90	15		1		16.4	42
VIRGINIA	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC	CHESAPEAKE	515500012	1	260	1	52	57.1	11.4	1	89	97.8	12.5	1	74	81.3	16	1	45	49.5	11.7		1		12.9	34
VIRGINIA	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC	HAMPTON	516500004	1	68	3	21	70	11.8	3	20	66.7	12.2	3	13	43.3	14.4	3	14	46.7	10.2					30
VIRGINIA	LYNCHBURG, VA	LYNCHBURG	516800014	1	39	3	14	46.7	11	3	15	50	13.5	3	10	33.3	15.9			0	0	1				
VIRGINIA	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC	NEWPORT NEWS	517000013	1	91	1	28	30.8	11.8	3	25	83.3	11.5	3	23	76.7	16.5	3	15	50	10.1		1		13.5	40
VIRGINIA	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC	NORFOLK	517100024	1	61	3	17	56.7	12.3	3	24	80	12.2	3	17	56.7	15.6	6	3	20	15.1	1			13.8	34
VIRGINIA	RICHMOND-PETERSBURG, VA	RICHMOND (CITY)	517600020	1	273	1	55	60.4	12.7	1	83	91.2	12.9	1	85	93.4	19.3	1	50	54.9	13		1		14.5	35
VIRGINIA	ROANOKE, VA	ROANOKE (CITY)	517700014	1	61	3	19	63.3	11.4	3	24	80	14.1	6	8	53.3	15.6	3	10	33.3	16.3	1			14.4	30
VIRGINIA	ROANOKE, VA	SALEM	517750010	1	71	3	19	63.3	10.6	3	26	86.7	14.8	3	14	46.7	14.7	3	12	40	12.7		1		13.2	31
VIRGINIA	NORFOLK-VIRGINIA BEACH-NEWPORT NEWS, VA-NC	VIRGINIA BEACH	518100008	1	80	3	18	60	13.9	3	26	86.7	11.1	3	23	76.7	17.2	3	13	43.3	11.7		1		13.5	37
WASHINGTON	RICHLAND-KENNEWICK-PASCO, WA	BENTON	530050002	1	57	3	12	40	8.1	3	21	70	4.8			0	0	3	24	80	7.9	1			6.9	19
WASHINGTON	NOT IN AN MSA	CLALLAM	530090009	1	14			0	0			0	0			0	0	6	14	93.3	13				13	22
WASHINGTON	PORTLAND-VANCOUVE R, OR-WA	CLARK	530110013	1	93	3	26	86.7	11.4	3	27	90	5.9	3	12	40	7.6	3	28	93.3	12.6		1		9.4	34
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330004	1	79	3	28	93.3	10	3	25	83.3	6.7	3	26	86.7	8.5			0	0	1			8.4	24
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330017	1	92	3	17	56.7	7	3	18	60	5.6	3	29	96.7	7.3	3	28	93.3	5.3		1		6.3	21
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330021	1	357	1	89	97.8	10	1	90	98.9	7.5	1	92	101.1	9.9	1	86	94.5	13.7			1	10.3	33
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330024	1	91	3	8	26.7	7.5	3	27	90	7.7	3	29	96.7	7.9	3	27	90	13.5	1			9.2	26
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330027	1	45			0	0			0	0	3	16	53.3	8.9	3	29	96.7	10.2	1			9.6	27
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330057	1	344	1	89	97.8	11.5	1	91	100	8.8	1	84	92.3	10	1	80	87.9	15.5			1	11.5	34

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 sched	q1 samp	q1pct	q1 mean	q2 sched	q2 samp	q2pct	q2 mean	q3 sched	q3 samp	q3pct	q3 mean	q4 sched	q4 samp	q4pct	q4 mean	all4q	all11 samp	a75pct	Ann Mean	p98
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530330080	1	120	3	27	90	8.4	3	28	93.3	6.9	3	26	86.7	8.4	1	39	42.9	11.7		1		8.9	26
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	KING	530332004		117	3	27	90	9.8	3	30	100	7.9	3	31	103.3	10.8	3	29	96.7	15			1	10.9	37
WASHINGTON	TACOMA, WA	PIERCE	530330029	1	85			0	0			0	0			0	0	1	85	93.4	13.8	1			13.8	38
WASHINGTON	TACOMA, WA	PIERCE	530330031	1	353	1	86	94.5	10.9	1	91	100	8	1	88	96.7	10.8	1	88	96.7	14.9			1	11.1	32
WASHINGTON	TACOMA, WA	PIERCE	530331018	1	354	1	83	91.2	10.5	1	91	100	6.4	1	91	100	9.4	1	89	97.8	12.4			1	9.7	33
WASHINGTON	NOT IN AN MSA	SEAGIT	530570014	1	3			0	0			0	0			0	0	6	3	20	8.7	1			8.7	15
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	SNOHOMISH	530610005	1	30			0	0			0	0			0	0	3	30	100	11.4	1			11.4	27
WASHINGTON	SEATTLE-BELLEVUE-E VERETT, WA	SNOHOMISH	530611007	1	105	3	27	90	10.4	3	27	90	8.2	3	24	80	8.5	3	27	90	12.9			1	10	30
WASHINGTON	SPOKANE, WA	SPOKANE	530630016	1	236	1	59	64.8	12.9	1	69	75.8	6.6	1	56	61.5	9.6	1	52	57.1	12.1		1		10.3	30
WASHINGTON	SPOKANE, WA	SPOKANE	530630047	1	77	3	18	60	7.5	3	29	96.7	6.5	3	11	36.7	7.7	3	19	63.3	12.4		1		8.5	28
WASHINGTON	SPOKANE, WA	SPOKANE	530639000	1	58	6	15	100	7.2	6	15	100	6.3	6	14	93.3	7.1	6	14	93.3	10.3			1	7.7	27
WASHINGTON	OLYMPIA, WA	THURSTON	530670013	1	109	3	27	90	12	3	30	100	5	3	25	83.3	6.4	3	27	90	13.6			1	9.3	29
WASHINGTON	BELLINGHAM, WA	WHATCOM	530730015	1	97	3	15	50	7.9	3	29	96.7	6.4	3	25	83.3	8	3	28	93.3	10		1		8.1	25
WASHINGTON	YAKIMA, WA	YAKIMA	530770012	1	55	3	23	76.7	13.7	3	19	63.3	4.9	3	13	43.3	5.9			0	0	1			8.2	30
WASHINGTON WEST VIRGINIA	WASHINGTON, DC-MD-VA-WV	BERKELEY	540030003	1	91	3	15	50	11.4	3	21	70	17.8	3	26	86.7	19.7	3	29	96.7	15.4		1		16.1	43
WEST VIRGINIA	STEUBENVILLE-WEIRT ON, OH-WV	BROOKE	540090005	1	111	3	29	96.7	15.9	3	25	83.3	18.1	3	31	103.3	21.3	3	26	86.7	16			1	17.8	37
WEST VIRGINIA	HUNTINGTON-ASHLAN D, WV-KY-OH	CABELL	540110006	1	112	3	27	90	15	3	24	80	17.5	3	31	103.3	21.4	3	30	100	18.8			1	18.2	43
WEST VIRGINIA	STEUBENVILLE-WEIRT ON, OH-WV	HANCOCK	540290011	1	117	3	28	93.3	13.7	3	29	96.7	18.7	3	31	103.3	20.9	3	29	96.7	14.4			1	16.9	48
WEST VIRGINIA	STEUBENVILLE-WEIRT ON, OH-WV	HANCOCK	540290011	2	107	3	27	90	12.9	3	25	83.3	20.6	3	25	83.3	20.3	3	30	100	15.2			1	17.3	48
WEST VIRGINIA	STEUBENVILLE-WEIRT ON, OH-WV	HANCOCK	540291004	1	98	3	22	73.3	13.8	3	24	80	18.6	3	23	76.7	20.6	3	29	96.7	14.2		1		16.8	46
WEST VIRGINIA	NOT IN AN MSA	HARRISON	540330003	1	110	3	25	83.3	12.2	3	29	96.7	15.9	3	28	93.3	19.1	3	28	93.3	12.7			1	15	34
WEST VIRGINIA	CHARLESTON, WV	KANAWHA	540390009	1	111	3	26	86.7	14.1	3	24	80	15.4	3	31	103.3	21	3	30	100	17.9			1	17.1	42
WEST VIRGINIA	CHARLESTON, WV	KANAWHA	540391005	1	112	3	30	100	15.8	3	23	76.7	16.3	3	30	100	22.4	3	29	96.7	18.8			1	18.3	41
WEST VIRGINIA	CHARLESTON, WV	KANAWHA	540391005	2	102	3	29	96.7	15.8	3	20	66.7	19.8	3	29	96.7	23.5	3	24	80	19.4			1	19.6	46
WEST VIRGINIA	WHEELING, WV-OH	MARSHALL	540511002	1	121	3	30	100	15.8	3	30	100	17.2	3	31	103.3	19.4	3	30	100	15.9			1	17.1	37
WEST VIRGINIA	NOT IN AN MSA	MONONGALIA	540610003	1	113	3	25	83.3	13.3	3	30	100	17	3	29	96.7	17.6	3	29	96.7	11.7			1	14.9	36
WEST VIRGINIA	WHEELING, WV-OH	OHIO	540690008	1	107	3	29	96.7	12.4	3	30	100	17.2	3	27	90	20.9	3	21	70	13.3			1	15.9	36
WEST VIRGINIA	NOT IN AN MSA	RALEIGH	540810002	1	108	3	24	80	10.7	3	27	90	14.5	3	29	96.7	18.2	3	28	93.3	12.8			1	14	39
WEST VIRGINIA	NOT IN AN MSA	SUMMERS	540890001	1	98	3	17	56.7	8.7	3	30	100	12.9	3	23	76.7	17.6	3	28	93.3	8			1	11.8	33
WEST VIRGINIA	PARKERSBURG-MARIET TA, WV-OH	WOOD	541071002	1	92	3	22	73.3	14.4	3	21	70	19.2	3	27	90	20.4	3	22	73.3	17.2			1	17.8	47
WISCONSIN	BROWN	BROWN	550090005	1	104	3	23	76.7	10.6	3	25	83.3	13	3	30	100	10.1	3	26	86.7	10.6			1	11.1	32
WISCONSIN	BROWN	BROWN	550090025	1	102	3	25	83.3	11.6	3	21	70.0	14.2	3	29	96.7	10.6	3	27	90.0	10.6			1	11.7	38

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Ann Samp	q1 smp	q1 mean	q2 smp	q2 mean	q3 smp	q3 mean	q4 smp	q4 mean	alt4q smp	alt11 smp	all smp	a75pct	Ann Mean	p98					
WISCONSIN	GREEN BAY, WI	BROWN	550900026	1	106	3	22	73.3	10.4	3	27	90.0	12.0	3	28	93.3	10.0	3	29	96.7	9.8	1	10.6	35
WISCONSIN	MADISON, WI	DANE	550250025	1	109	3	29	96.7	15.6	3	26	86.7	12.9	3	25	83.3	11.8	3	29	96.7	12.1	1	13.1	32
WISCONSIN	MADISON, WI	DANE	550250047	1	112	3	23	76.7	14.8	3	28	93.3	14.4	3	31	103.3	12.8	3	30	100.0	11.7	1	13.4	33
WISCONSIN	NOT IN AN MSA	DODGE	550270007	1	87	6	15	100.0	12.5	6	15	100.0	14.2	3	30	100.0	12.2	3	27	90.0	11.1	1	12.5	40
WISCONSIN	NOT IN AN MSA	DOOR	550290004	1	106	3	26	86.7	7.3	3	27	90.0	9.7	3	29	96.7	8.0	3	24	80.0	9.4	1	8.6	31
WISCONSIN	DULUTH-SUPERIOR, MN-WI	DOUGLAS	550310025	1	115	3	27	90.0	10.5	3	31	103.3	7.0	3	30	100.0	7.1	3	27	90.0	10.0	1	8.6	25
WISCONSIN	NOT IN AN MSA	GRANT	550430009	1	57	6	14	93.3	13.8	6	12	80.0	13.2	6	16	106.7	11.8	6	15	100.0	11.9	1	12.7	38
WISCONSIN	NOT IN AN MSA	JEFFERSON	550550008	1	114	3	28	93.3	16.7	3	28	93.3	13.5	3	30	100.0	12.6	3	28	93.3	11.4	1	13.5	36
WISCONSIN	KENOSHA, WI	KENOSHA	550590019	3	119	3	29	96.7	12.4	3	30	100.0	13.0	3	31	103.3	12.2	3	29	96.7	11.8	1	12.3	34
WISCONSIN	NOT IN AN MSA	MANITOWOC	550710007	1	109	3	27	90.0	12.2	3	30	100.0	11.7	3	25	83.3	8.3	3	27	90.0	9.8	1	10.5	30
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790010	2	348	1	83	91.2	15.9	1	89	97.8	14.6	1	87	95.6	13.3	1	89	97.8	14.2	1	14.5	40
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790026	1	347	1	87	95.6	14.3	1	90	98.9	13.8	1	87	95.6	12.9	1	83	91.2	14.3	1	13.8	38
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790043	1	108	3	21	70.0	18.0	3	30	100.0	14.8	3	30	100.0	14.0	3	27	90.0	14.9	1	15.4	46
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790050	1	96	3	6	20.0	14.0	3	29	96.7	15.2	3	31	103.3	12.8	3	30	100.0	12.0	1	13.5	42
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790051	1	107	3	19	63.3	14.4	3	30	100.0	15.7	3	30	100.0	13.6	3	28	93.3	11.8	1	13.9	44
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790059	2	114	3	24	80.0	17.7	3	30	100.0	14.7	3	31	103.3	13.6	3	29	96.7	13.8	1	15.0	36
WISCONSIN	MILWAUKEE-WAUKESH A, WI	MILWAUKEE	550790099	1	113	3	21	70.0	16.1	3	30	100.0	15.8	3	32	106.7	13.7	3	30	100.0	13.3	1	14.7	41
WISCONSIN	APPLETON-OSHKOSH-N EENAH, WI	OUTAGAMIE	550870009	1	114	3	28	93.3	11.5	3	29	96.7	12.2	3	28	93.3	10.4	3	29	96.7	10.9	1	11.2	36
WISCONSIN	MILWAUKEE-WAUKESH A, WI	OZAUKEE	550890008	1	89	6	2	13.3	11.0	3	28	93.3	13.4	3	30	100.0	12.3	3	29	96.7	10.8	1	11.9	45
WISCONSIN	JANESVILLE-BELOIT, WI	ROCK	551050002	1	121	3	30	100.0	16.0	3	30	100.0	14.5	3	30	100.0	13.7	3	31	103.3	13.2	1	14.3	35
WISCONSIN	MINNEAPOLIS-ST. PAUL, MN-WI	ST CROIX	551091002	1	50	6	13	86.7	12.0	6	10	66.7	6.4	6	13	86.7	9.2	6	14	93.3	8.7	1	9.1	30
WISCONSIN	NOT IN AN MSA	VILAS	551250001	1	58	6	14	93.3	6.8	6	15	100.0	9.6	6	14	93.3	8.7	6	15	100.0	6.9	1	8.0	26
WISCONSIN	MILWAUKEE-WAUKESH A, WI	WAUKESHA	551330027	2	119	3	28	93.3	17.0	3	30	100.0	15.2	3	30	100.0	13.6	3	31	103.3	13.8	1	14.9	39
WISCONSIN	MILWAUKEE-WAUKESH A, WI	WAUKESHA	551330034	1	113	3	23	76.7	14.6	3	29	96.7	14.6	3	31	103.3	12.1	3	30	100.0	12.5	1	13.5	38
WISCONSIN	APPLETON-OSHKOSH-N EENAH, WI	WINNEBAGO	551390011	1	115	3	28	93.3	12.6	3	30	100.0	12.4	3	30	100.0	10.4	3	27	90.0	10.8	1	11.6	37
WISCONSIN	NOT IN AN MSA	WOOD	551410016	1	114	3	28	93.3	12.9	3	30	100.0	11.2	3	29	96.7	9.8	3	27	90.0	10.8	1	11.2	30
WYOMING	CHEYENNE, WY	LARAMIE	560210001	1	105	3	27	90.0	5.9	3	29	96.7	5.6	3	24	80.0	5.6	3	25	83.3	5.1	1	5.6	12
WYOMING	NOT IN AN MSA	SHERIDAN	560330001	1	117	3	30	100.0	10.1	3	30	100.0	5.9	3	27	90.0	6.7	3	30	100.0	11.3	1	8.5	25
WYOMING	NOT IN AN MSA	SHERIDAN	560330002	1	119	3	30	100.0	11.0	3	28	93.3	6.8	3	31	103.3	7.3	3	30	100.0	12.7	1	9.5	25

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

State	MSA	County	Site ID	POC	Am Samp	q1 sched	q1 samp	q1 pet	q1 mean	q2 sched	q2 samp	q2 pet	q2 mean	q3 sched	q3 samp	q3 pet	q3 mean	q4 sched	q4 samp	q4 pet	q4 mean	alt11 samp	alt11 samp	alt11 pet	Alt Mean	p98
PUERTO RICO	SAN JUAN-BAYAMON, PR	BAYAMON	720210009	1	83	3	15	50.0	7.3	3	22	73.3	10.7	3	24	80.0	5.9	3	22	73.3	6.2		1		7.5	17
PUERTO RICO	SAN JUAN-BAYAMON, PR	FAJARDO	720530003	1	143			0.0	0.0	1	53	58.2	9.7	1	76	83.5	5.2	1	14	15.4	4.1	1			6.3	17
PUERTO RICO	NOT IN AN MSA	GUAYAMA	720570008	1	90	3	18	60.0	7.5	3	25	83.3	11.3	3	25	83.3	6.9	3	22	73.3	6.1		1		7.9	29
PUERTO RICO	PONCE, PR	GUAYANILLA	720590016	1	78	3	19	63.3	7.3	3	14	46.7	11.4	3	24	80.0	7.8	3	21	70.0	5.2		1		7.9	17
PUERTO RICO	SAN JUAN-BAYAMON, PR	GUAYNABO	720610005	1	253	1	59	64.8	9.6	1	66	72.5	13.0	1	60	65.9	10.3	1	68	74.7	8.4		1		10.3	20
PUERTO RICO	NOT IN AN MSA	LARES	720810001	1	55	3	16	53.3	5.9	3	17	56.7	9.8	3	10	33.3	5.2	6	12	80.0	3.1		1		6.0	17
PUERTO RICO	MAYAGUEZ, PR	MAYAGUEZ	720970003	1	84	3	20	66.7	8.8	3	26	86.7	12.8	3	21	70.0	8.7	3	17	56.7	5.1		1		8.9	19
PUERTO RICO	PONCE, PR	PONCE	721130004	1	89	3	19	63.3	7.5	3	28	93.3	12.5	3	20	66.7	7.8	3	22	73.3	6.4		1		8.6	20
PUERTO RICO	SAN JUAN-BAYAMON, PR	SAN JUAN	721270003	1	223	1	9	9.9	9.4	1	78	85.7	13.5	1	79	86.8	11.0	1	57	62.6	9.4		1		10.8	23
VIRGIN ISLANDS	NOT IN AN MSA	ST CROIX	780010012	1	25	6	9	60.0	6.1	6	6	40.0	17.8	6	5	33.3	13.2	6	5	33.3	6.9		1		11.0	26

(continued) Table B-3. PM_{2.5} Data for Figures B-1 through B-8

<u>Variable</u>	<u>Description</u>
State	US state name
MSA	Metropolitan Statistical Area name
County	County name
Site ID	Site identification code
POC	Parameter of occurrence code (1=primary monitor, 2=secondary monitor)
AnnSamp	Number of valid data elements
q1sched	Sampling frequency for quarter 1 (1=every day, 3=every 3 rd day, 6=every 6 th day)
q1samp	Number of valid samples reported for quarter 1
q1pct	Percent complete quarter 1
q1mean	PM _{2.5} mean of valid samples for quarter 1
q2sched	Sampling frequency for quarter 2 (1=every day, 3=every 3 rd day, 6=every 6 th day)
q2samp	Number of valid samples reported for quarter 2
q2pct	Percent complete quarter 2
q2mean	PM _{2.5} mean of valid samples for quarter 2
q3sched	Sampling frequency for quarter 3 (1=every day, 3=every 3 rd day, 6=every 6 th day)
q3samp	Number of valid samples reported for quarter 3
q3pct	Percent complete quarter 3
q3mean	PM _{2.5} mean of valid samples for quarter 3
q4sched	Sampling frequency for quarter 4 (1=every day, 3=every 3 rd day, 6=every 6 th day)
q4samp	Number of valid samples reported for quarter 4
q4pct	Percent complete quarter 4
q4mean	PM _{2.5} mean of valid samples for quarter 4
alt4q	Indicator for less than 4 quarters with at least 1 sample in each quarter (1=yes)
alt11samp	Indicator for all quarters with one or more quarters with <11 samples (1=yes)
a11samp	Indicator for all quarters with at least 11 samples (1=yes)
a75Pct	Indicator for all quarters with at least 75% completeness (1=yes)
AnnMean	Annual mean PM _{2.5} (mean of quarterly means)
p98	98 th percentile 24-hour average PM _{2.5}